

10551503

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Welcome to STN International! Enter x:x

LOGINID:sssptaul29sxx

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	DEC 01	ChemPort single article sales feature unavailable
NEWS	3	APR 03	CAS coverage of exemplified prophetic substances enhanced
NEWS	4	APR 07	STN is raising the limits on saved answers
NEWS	5	APR 24	CA/CAPLUS now has more comprehensive patent assignee information
NEWS	6	APR 26	USPATFULL and USPAT2 enhanced with patent assignment/reassignment information
NEWS	7	APR 28	CAS patent authority coverage expanded
NEWS	8	APR 28	ENCOMPLIT/ENCOMPLIT2 search fields enhanced
NEWS	9	APR 28	Limits doubled for structure searching in CAS REGISTRY
NEWS	10	MAY 08	STN Express, Version 8.4, now available
NEWS	11	MAY 11	STN on the Web enhanced
NEWS	12	MAY 11	BEILSTEIN substance information now available on STN Easy
NEWS	13	MAY 14	DGENE, PCTGEN and USGENE enhanced with increased limits for exact sequence match searches and introduction of free HIT display format
NEWS	14	MAY 15	INPADOCDB and INPAFAMDB enhanced with Chinese legal status data
NEWS	15	MAY 28	CAS databases on STN enhanced with NANO super role in records back to 1992
NEWS	16	JUN 01	CAS REGISTRY Source of Registration (SR) searching enhanced on STN
NEWS	17	JUN 26	NUTRACEUT and PHARMAML no longer updated
NEWS	18	JUN 29	IMSCOPROFILE now reloaded monthly
NEWS	19	JUN 29	EPFULL adds SLART to AB, MCLM, and TI fields
NEWS EXPRESS	MAY 26 09		CURRENT WINDOWS VERSION IS V8.4, AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS LOGIN			Welcome Banner and News Items

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 11:45:56 ON 07 JUL 2009

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.22	0.22

FILE 'REGISTRY' ENTERED AT 11:46:11 ON 07 JUL 2009

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 6 JUL 2009 HIGHEST RN 1160908-15-5

DICTIONARY FILE UPDATES: 6 JUL 2009 HIGHEST RN 1160908-15-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

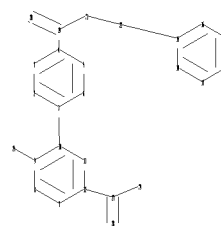
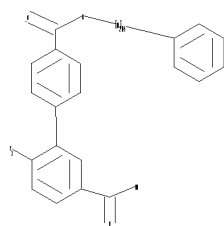
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10551503.str

10551503



```
chain nodes :
19 20 21 22 25 27 28 29
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
chain bonds :
1-10 4-19 9-25 12-27 15-22 19-20 19-21 21-22 27-28 27-29
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 13-14 13-18
14-15 15-16 16-17 17-18
exact/norm bonds :
9-25 19-20 19-21 27-28 27-29
exact bonds :
1-10 4-19 12-27 15-22 21-22
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 13-14 13-18
14-15 15-16 16-17 17-18
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G1:CH3,Et,X

Match level :

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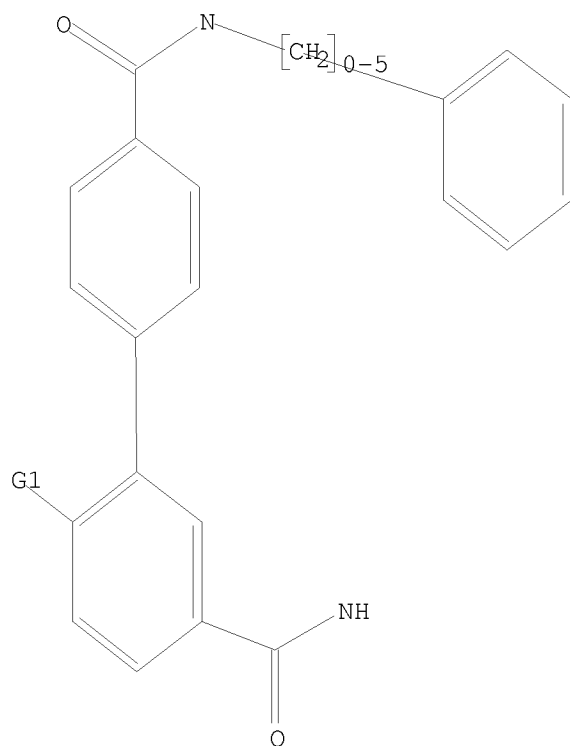
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11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:Atom 21:Atom 22:Atom 25:Atom 27:Atom 28:Atom 29:Atom

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



G1 Me,Et,X

Structure attributes must be viewed using STN Express query preparation.

=> s 11

SAMPLE SEARCH INITIATED 11:46:31 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 183 TO ITERATE

100.0% PROCESSED 183 ITERATIONS

11 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 2849 TO 4471

PROJECTED ANSWERS: 22 TO 418

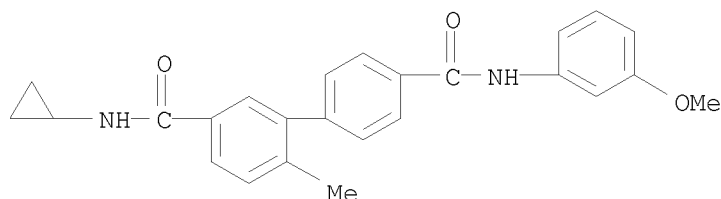
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L2 11 SEA SSS SAM L1

=> d

L2 ANSWER 1 OF 11 REGISTRY COPYRIGHT 2009 ACS on STN
RN 1051935-56-8 REGISTRY
ED Entered STN: 23 Sep 2008
CN [1,1'-Biphenyl]-3,4'-dicarboxamide,
N3-cyclopropyl-N4'-(3-methoxyphenyl)-6-methyl- (CA INDEX NAME)
MF C25 H24 N2 O3
SR CA
LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 11 ful
FULL SEARCH INITIATED 11:47:45 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 3733 TO ITERATE

100.0% PROCESSED 3733 ITERATIONS 186 ANSWERS
SEARCH TIME: 00.00.01

L3 186 SEA SSS FUL L1

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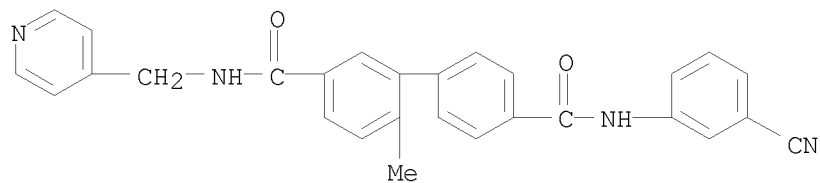
L3 ANSWER 1 OF 186 REGISTRY COPYRIGHT 2009 ACS on STN
RN 1092358-58-1 REGISTRY
ED Entered STN: 31 Dec 2008
CN [1,1'-Biphenyl]-3,4'-dicarboxamide,
N4'-(3-cyanophenyl)-6-methyl-N3-(4-pyridinylmethyl)-, mixt. with
3,5-bis[(2-fluorophenyl)methylene]-4-piperidinone (CA INDEX NAME)
MF C28 H22 N4 O2 . C19 H15 F2 N O
CI MXS
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

CM 1

CRN 515130-60-6
CMF C28 H22 N4 O2

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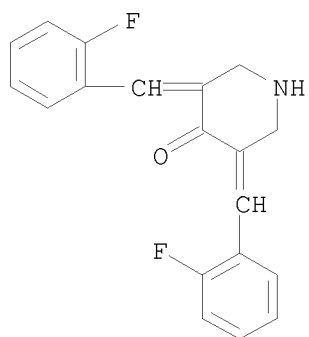
10551503



CM 2

CRN 342808-40-6

CMF C19 H15 F2 N O



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 10 OF 186 REGISTRY COPYRIGHT 2009 ACS on STN

RN 929892-92-2 REGISTRY

ED Entered STN: 13 Apr 2007

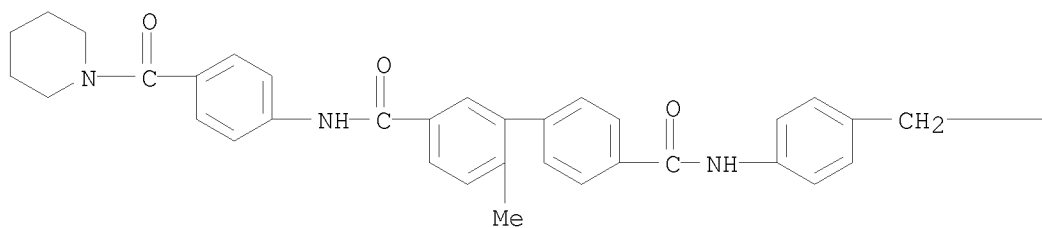
CN [1,1'-Biphenyl]-3,4'-dicarboxamide,
N4'-[4-[(1,1-dioxido-4-thiomorpholinyl)methyl]phenyl]-6-methyl-N3-[4-(1-
piperidinylcarbonyl)phenyl]- (CA INDEX NAME)

MF C38 H40 N4 O5 S

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

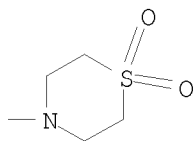
PAGE 1-A



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PAGE 1-B

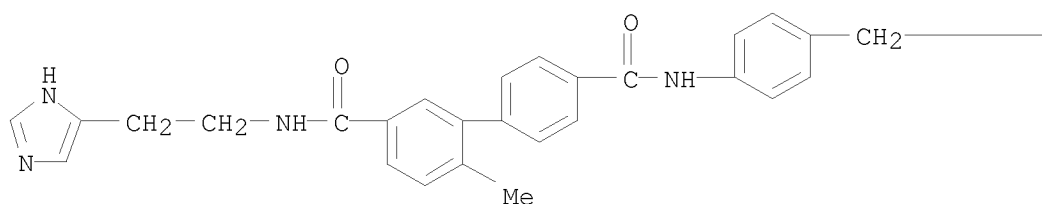


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

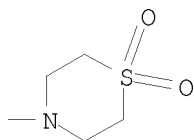
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 20 OF 186 REGISTRY COPYRIGHT 2009 ACS on STN
RN 929892-77-3 REGISTRY
ED Entered STN: 13 Apr 2007
CN [1,1'-Biphenyl]-3,4'-dicarboxamide,
N4'-[4-[(1,1-dioxido-4-thiomorpholinyl)methyl]phenyl]-N3-[2-(1H-imidazol-5-
yl)ethyl]-6-methyl- (CA INDEX NAME)
MF C31 H33 N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

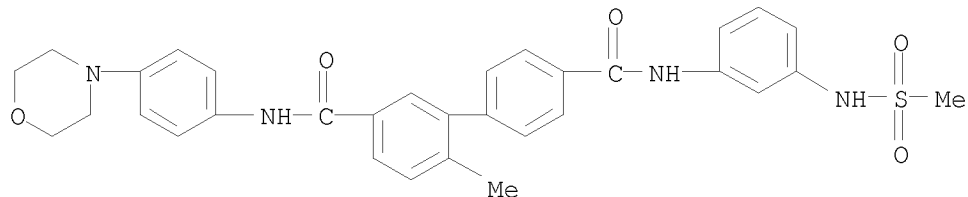
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 30 OF 186 REGISTRY COPYRIGHT 2009 ACS on STN

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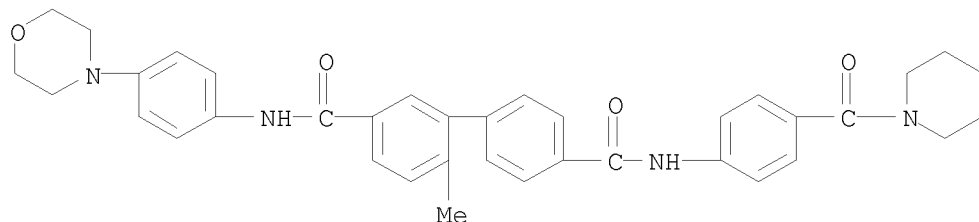
RN 929892-45-5 REGISTRY
ED Entered STN: 13 Apr 2007
CN [1,1'-Biphenyl]-3,4'-dicarboxamide,
6-methyl-N4'-[3-[(methylsulfonyl)amino]phenyl]-N3-[4-(4-
morpholinyl)phenyl]- (CA INDEX NAME)
MF C32 H32 N4 O5 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 40 OF 186 REGISTRY COPYRIGHT 2009 ACS on STN
RN 929892-27-3 REGISTRY
ED Entered STN: 13 Apr 2007
CN [1,1'-Biphenyl]-3,4'-dicarboxamide,
6-methyl-N3-[4-(4-morpholinyl)phenyl]-N4'-[4-(1-
piperidinylcarbonyl)phenyl]- (CA INDEX NAME)
MF C37 H38 N4 O4
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

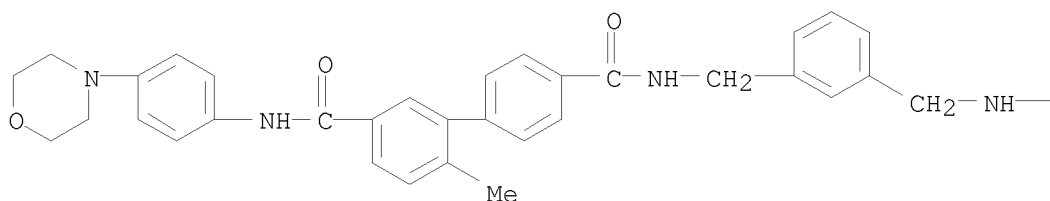
L3 ANSWER 50 OF 186 REGISTRY COPYRIGHT 2009 ACS on STN
RN 929892-16-0 REGISTRY
ED Entered STN: 13 Apr 2007
CN Carbamic acid, N-[[3-[[[2'-methyl-5'-[[[4-(4-
morpholinyl)phenyl]amino]carbonyl][1,1'-biphenyl]-4-

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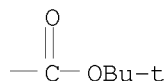
10551503

yl]carbonyl]amino]methyl]phenyl]methyl]-, 1,1-dimethylethyl ester (CA
INDEX NAME)
MF C38 H42 N4 O5
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

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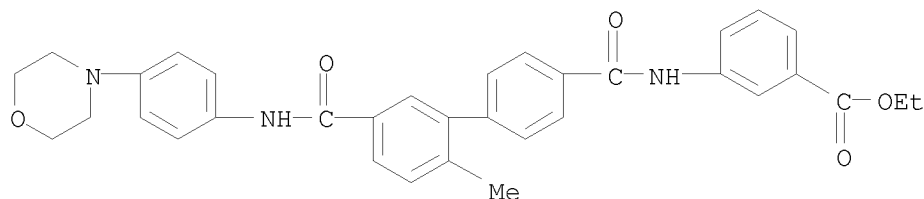
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 60 OF 186 REGISTRY COPYRIGHT 2009 ACS on STN
RN 929892-03-5 REGISTRY
ED Entered STN: 13 Apr 2007
CN Benzoic acid, 3-[[[2'-methyl-5'-[[[4-(4-morpholinyl)phenyl]amino]carbonyl][1,1'-biphenyl]-4-yl]carbonyl]amino]-, ethyl ester (CA INDEX NAME)
MF C34 H33 N3 O5
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

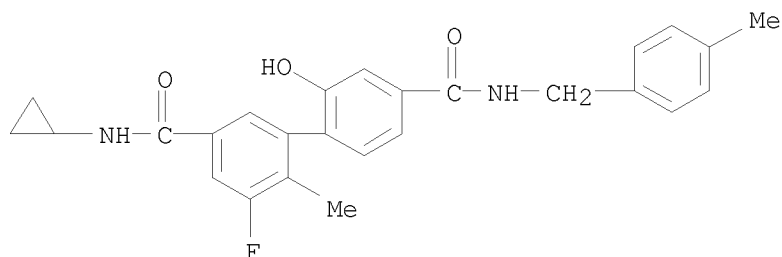
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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

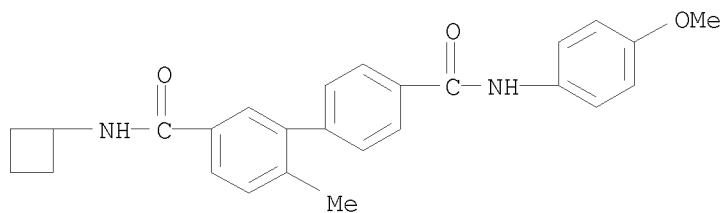
L3 ANSWER 100 OF 186 REGISTRY COPYRIGHT 2009 ACS on STN
RN 776313-95-2 REGISTRY
ED Entered STN: 08 Nov 2004
CN [1,1'-Biphenyl]-3,4'-dicarboxamide,
N3-cyclopropyl-5-fluoro-2'-hydroxy-6-methyl-N4'-[(4-methylphenyl)methyl]-
(CA INDEX NAME)
MF C26 H25 F N2 O3
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 120 OF 186 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515131-29-0 REGISTRY
ED Entered STN: 14 May 2003
CN [1,1'-Biphenyl]-3,4'-dicarboxamide,
N3-cyclobutyl-N4'-[(4-methoxyphenyl)-6-methyl- (CA INDEX NAME)
MF C26 H26 N2 O3
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

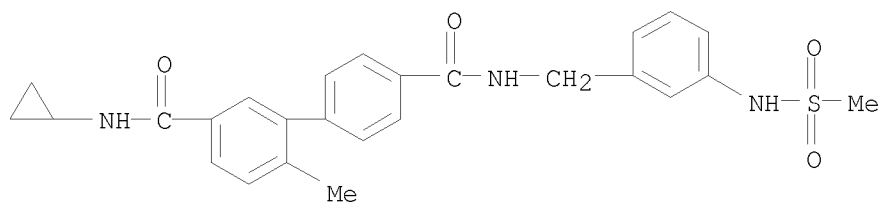
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 150 OF 186 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515130-96-8 REGISTRY

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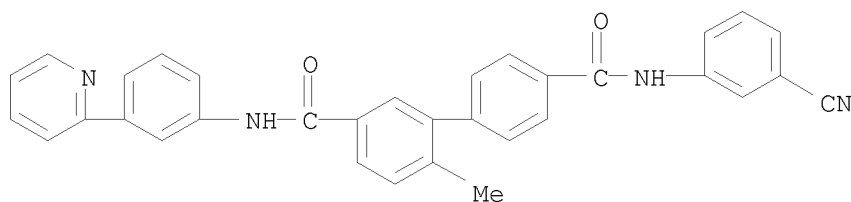
ED Entered STN: 14 May 2003
CN [1,1'-Biphenyl]-3,4'-dicarboxamide,
N3-cyclopropyl-6-methyl-N4'-[[3-[(methylsulfonyl)amino]phenyl]methyl]-
(CA INDEX NAME)
MF C26 H27 N3 O4 S
SR CA
LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 160 OF 186 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515130-86-6 REGISTRY
ED Entered STN: 14 May 2003
CN [1,1'-Biphenyl]-3,4'-dicarboxamide,
N4'-(3-cyanophenyl)-6-methyl-N3-[3-(2-pyridinyl)phenyl]- (CA INDEX NAME)
MF C33 H24 N4 O2
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

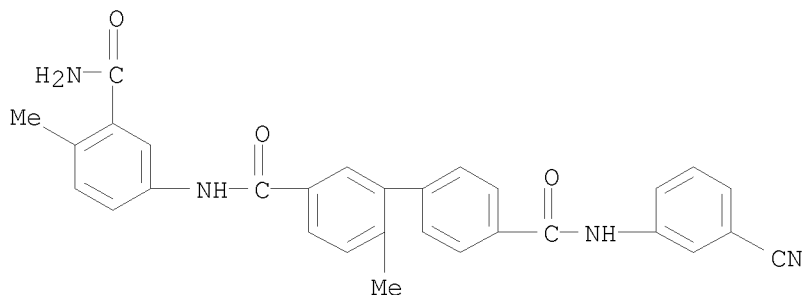
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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 161 OF 186 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515130-85-5 REGISTRY
ED Entered STN: 14 May 2003
CN [1,1'-Biphenyl]-3,4'-dicarboxamide,
N3-[3-(aminocarbonyl)-4-methylphenyl]-N4'-(3-cyanophenyl)-6-methyl- (CA
INDEX NAME)
MF C30 H24 N4 O3
SR CA

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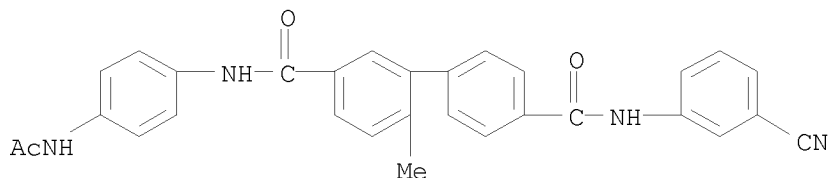
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 162 OF 186 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515130-84-4 REGISTRY
ED Entered STN: 14 May 2003
CN [1,1'-Biphenyl]-3,4'-dicarboxamide,
N3-[4-(acetamido)phenyl]-N4'-(3-cyanophenyl)-6-methyl- (CA INDEX NAME)
MF C30 H24 N4 O3
SR CA
LC STN Files: CA, CAPLUS



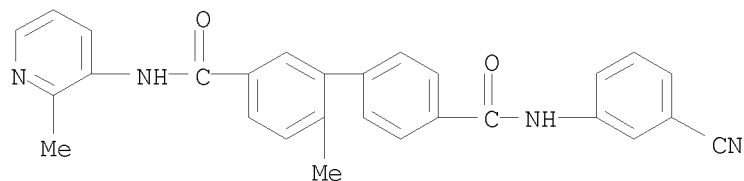
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 163 OF 186 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515130-83-3 REGISTRY
ED Entered STN: 14 May 2003
CN [1,1'-Biphenyl]-3,4'-dicarboxamide,
N4'-(3-cyanophenyl)-6-methyl-N3-(2-methyl-3-pyridinyl)- (CA INDEX NAME)
MF C28 H22 N4 O2
SR CA
LC STN Files: CA, CAPLUS

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 164 OF 186 REGISTRY COPYRIGHT 2009 ACS on STN

RN 515130-82-2 REGISTRY

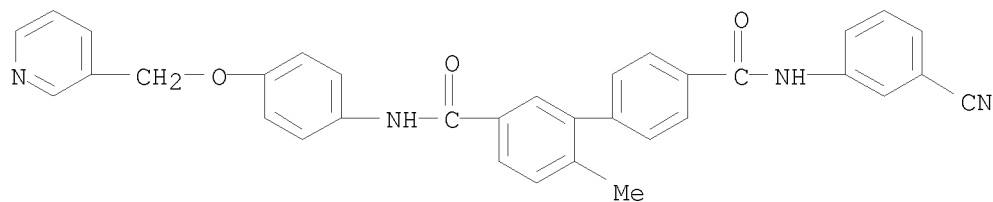
ED Entered STN: 14 May 2003

CN [1,1'-Biphenyl]-3,4'-dicarboxamide,
N4'-(3-cyanophenyl)-6-methyl-N3-[4-(3-pyridinylmethoxy)phenyl]- (CA INDEX
NAME)

MF C34 H26 N4 O3

SR CA

LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 165 OF 186 REGISTRY COPYRIGHT 2009 ACS on STN

RN 515130-81-1 REGISTRY

ED Entered STN: 14 May 2003

CN [1,1'-Biphenyl]-3,4'-dicarboxamide,
N4'-(3-cyanophenyl)-N3-6-isoquinolinyl-6-methyl- (CA INDEX NAME)

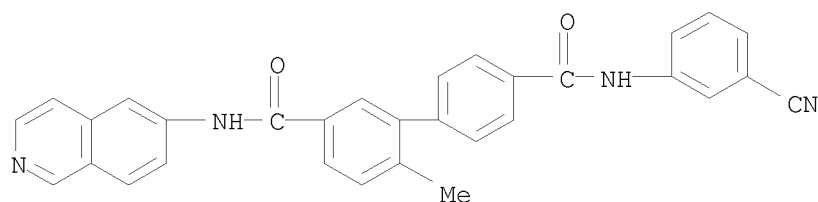
MF C31 H22 N4 O2

SR CA

LC STN Files: CA, CAPLUS

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 166 OF 186 REGISTRY COPYRIGHT 2009 ACS on STN

RN 515130-80-0 REGISTRY

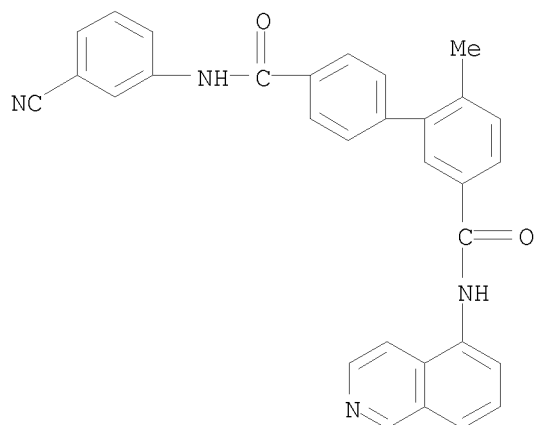
ED Entered STN: 14 May 2003

CN [1,1'-Biphenyl]-3,4'-dicarboxamide,
N4'-(3-cyanophenyl)-N3-5-isoquinolinyl-6-methyl- (CA INDEX NAME)

MF C31 H22 N4 O2

SR CA

LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 167 OF 186 REGISTRY COPYRIGHT 2009 ACS on STN

RN 515130-79-7 REGISTRY

ED Entered STN: 14 May 2003

CN [1,1'-Biphenyl]-3,4'-dicarboxamide,
N4'-(3-cyanophenyl)-6-methyl-N3-[3-(2-methyl-4-pyrimidinyl)phenyl]- (CA
INDEX NAME)

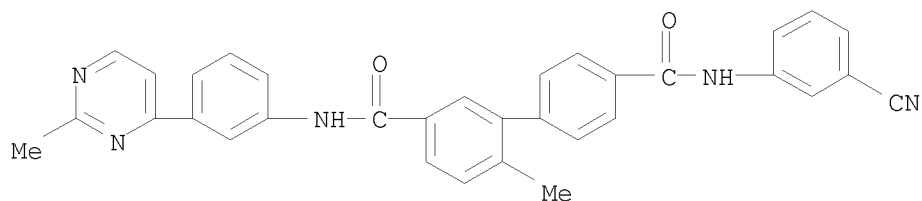
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SR CA

7/7/09

10551503

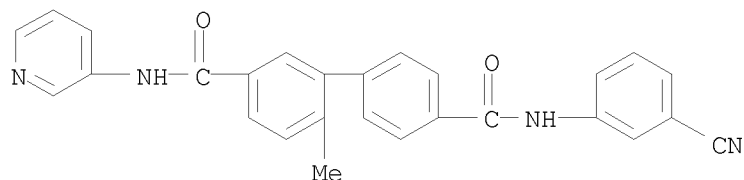
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 168 OF 186 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515130-78-6 REGISTRY
ED Entered STN: 14 May 2003
CN [1,1'-Biphenyl]-3,4'-dicarboxamide,
N4'-(3-cyanophenyl)-6-methyl-N3-3-pyridinyl- (CA INDEX NAME)
MF C27 H20 N4 O2
SR CA
LC STN Files: CA, CAPLUS

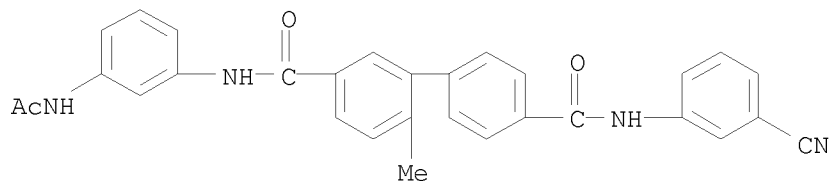


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 169 OF 186 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515130-77-5 REGISTRY
ED Entered STN: 14 May 2003
CN [1,1'-Biphenyl]-3,4'-dicarboxamide,
N3-[3-(acetamino)phenyl]-N4'-(3-cyanophenyl)-6-methyl- (CA INDEX NAME)
MF C30 H24 N4 O3
SR CA
LC STN Files: CA, CAPLUS

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 170 OF 186 REGISTRY COPYRIGHT 2009 ACS on STN

RN 515130-76-4 REGISTRY

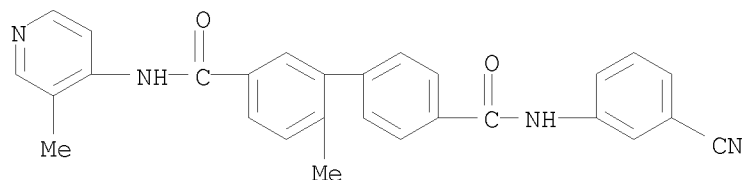
ED Entered STN: 14 May 2003

CN [1,1'-Biphenyl]-3,4'-dicarboxamide,
N4'-(3-cyanophenyl)-6-methyl-N3-(3-methyl-4-pyridinyl)- (CA INDEX NAME)

MF C28 H22 N4 O2

SR CA

LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 171 OF 186 REGISTRY COPYRIGHT 2009 ACS on STN

RN 515130-75-3 REGISTRY

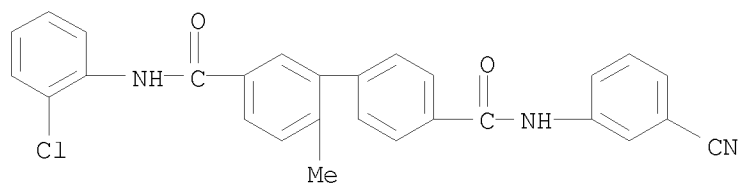
ED Entered STN: 14 May 2003

CN [1,1'-Biphenyl]-3,4'-dicarboxamide,
N3-(2-chlorophenyl)-N4'-(3-cyanophenyl)-6-methyl- (CA INDEX NAME)

MF C28 H20 Cl N3 O2

SR CA

LC STN Files: CA, CAPLUS



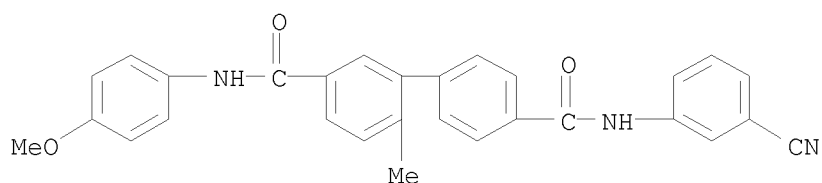
7/7/09

10551503

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

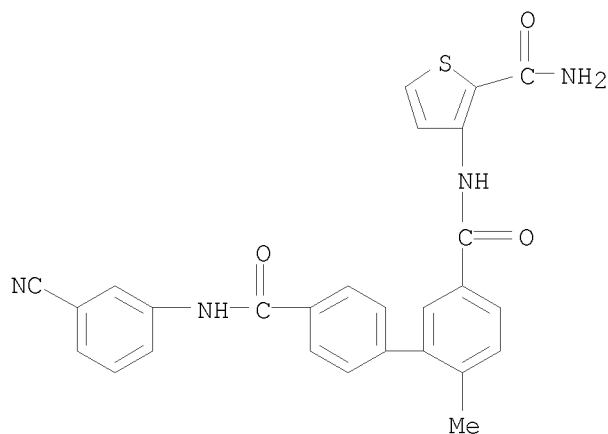
L3 ANSWER 172 OF 186 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515130-74-2 REGISTRY
ED Entered STN: 14 May 2003
CN [1,1'-Biphenyl]-3,4'-dicarboxamide,
N4'-(3-cyanophenyl)-N3-(4-methoxyphenyl)-6-methyl- (CA INDEX NAME)
MF C29 H23 N3 O3
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 173 OF 186 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515130-73-1 REGISTRY
ED Entered STN: 14 May 2003
CN [1,1'-Biphenyl]-3,4'-dicarboxamide,
N3-[2-(aminocarbonyl)-3-thienyl]-N4'-(3-cyanophenyl)-6-methyl- (CA INDEX NAME)
MF C27 H20 N4 O3 S
SR CA
LC STN Files: CA, CAPLUS



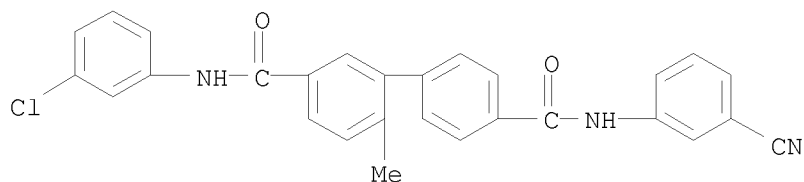
7/7/09

10551503

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

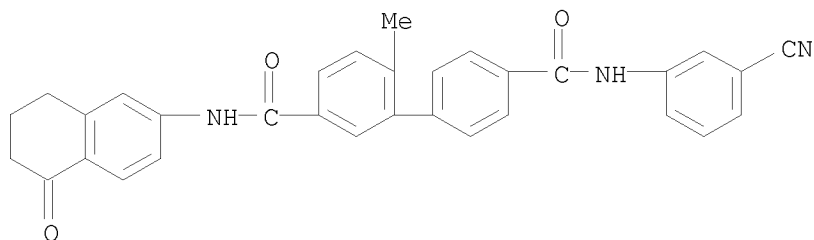
L3 ANSWER 174 OF 186 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515130-72-0 REGISTRY
ED Entered STN: 14 May 2003
CN [1,1'-Biphenyl]-3,4'-dicarboxamide,
N3-(3-chlorophenyl)-N4'-(3-cyanophenyl)-6-methyl- (CA INDEX NAME)
MF C28 H20 Cl N3 O2
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 175 OF 186 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515130-71-9 REGISTRY
ED Entered STN: 14 May 2003
CN [1,1'-Biphenyl]-3,4'-dicarboxamide,
N4'-(3-cyanophenyl)-6-methyl-N3-(5,6,7,8-tetrahydro-5-oxo-2-naphthalenyl)-
(CA INDEX NAME)
MF C32 H25 N3 O3
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

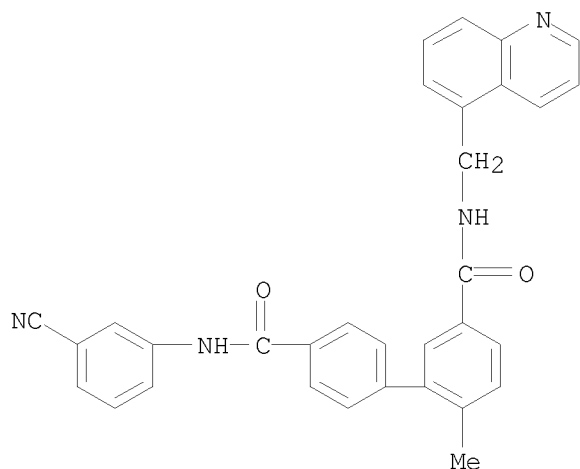
1 REFERENCES IN FILE CA (1907 TO DATE)

7/7/09

10551503

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

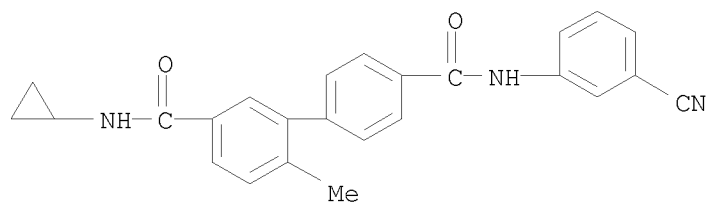
L3 ANSWER 176 OF 186 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515130-70-8 REGISTRY
ED Entered STN: 14 May 2003
CN [1,1'-Biphenyl]-3,4'-dicarboxamide,
N4'-(3-cyanophenyl)-6-methyl-N3-(5-quinolinylmethyl)- (CA INDEX NAME)
MF C32 H24 N4 O2
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 177 OF 186 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515130-69-5 REGISTRY
ED Entered STN: 14 May 2003
CN [1,1'-Biphenyl]-3,4'-dicarboxamide,
N4'-(3-cyanophenyl)-N3-cyclopropyl-6-methyl- (CA INDEX NAME)
MF C25 H21 N3 O2
SR CA
LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER



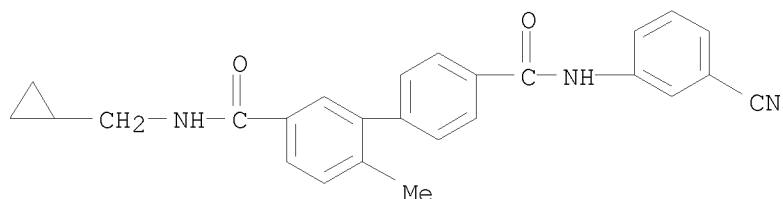
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

7/7/09

10551503

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

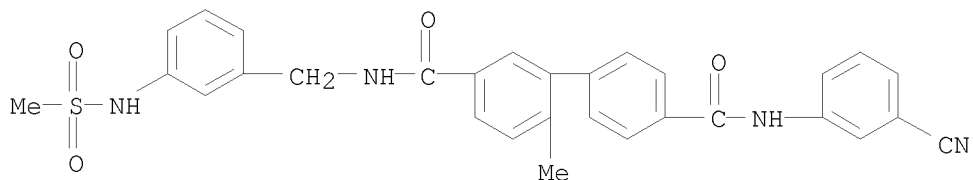
L3 ANSWER 178 OF 186 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515130-68-4 REGISTRY
ED Entered STN: 14 May 2003
CN [1,1'-Biphenyl]-3,4'-dicarboxamide,
N4'-(3-cyanophenyl)-N3-(cyclopropylmethyl)-6-methyl- (CA INDEX NAME)
MF C26 H23 N3 O2
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 179 OF 186 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515130-67-3 REGISTRY
ED Entered STN: 14 May 2003
CN [1,1'-Biphenyl]-3,4'-dicarboxamide,
N4'-(3-cyanophenyl)-6-methyl-N3-[3-[(methylsulfonyl)amino]phenyl]methyl]-
(CA INDEX NAME)
MF C30 H26 N4 O4 S
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

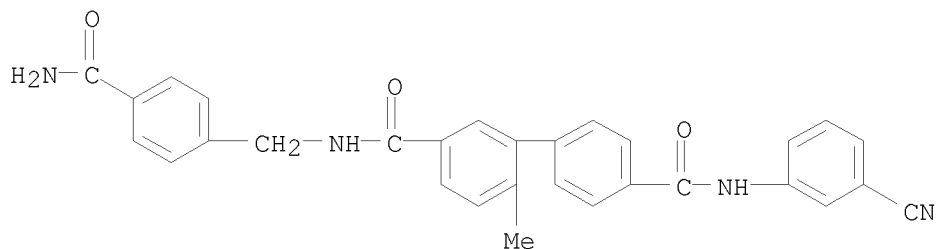
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 180 OF 186 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515130-66-2 REGISTRY
ED Entered STN: 14 May 2003

7/7/09

10551503

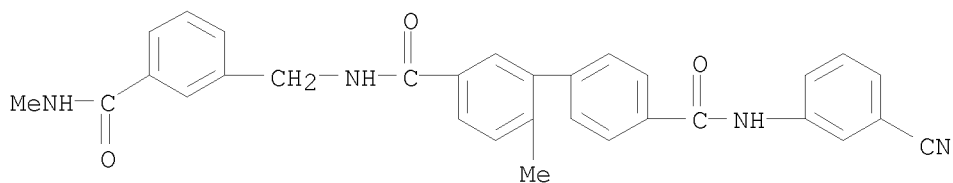
CN [1,1'-Biphenyl]-3,4'-dicarboxamide,
N3-[[4-(aminocarbonyl)phenyl]methyl]-N4'-(3-cyanophenyl)-6-methyl- (CA
INDEX NAME)
MF C30 H24 N4 O3
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 181 OF 186 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515130-65-1 REGISTRY
ED Entered STN: 14 May 2003
CN [1,1'-Biphenyl]-3,4'-dicarboxamide,
N4'-(3-cyanophenyl)-6-methyl-N3-[[3-[(methylamino)carbonyl]phenyl]methyl]-
(CA INDEX NAME)
MF C31 H26 N4 O3
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

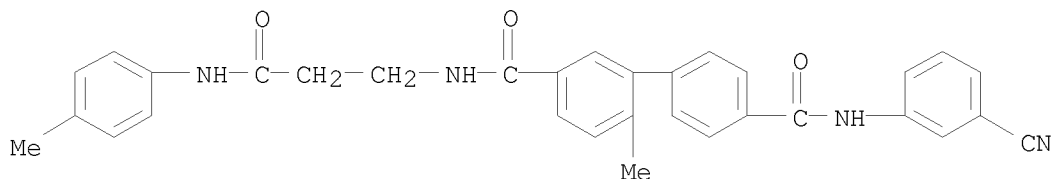
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 182 OF 186 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515130-64-0 REGISTRY
ED Entered STN: 14 May 2003
CN [1,1'-Biphenyl]-3,4'-dicarboxamide,
N4'-(3-cyanophenyl)-6-methyl-N3-[3-[(4-methylphenyl)amino]-3-oxopropyl]-
(CA INDEX NAME)
MF C32 H28 N4 O3

7/7/09

10551503

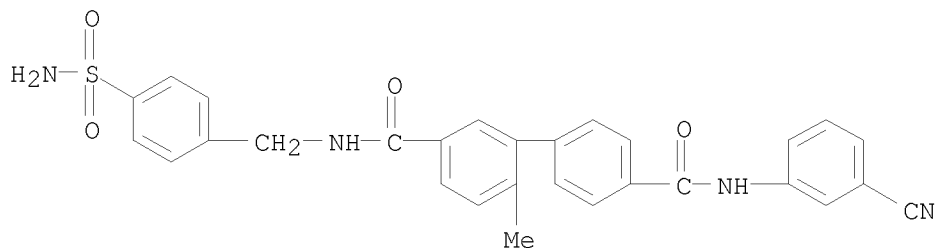
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 183 OF 186 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515130-63-9 REGISTRY
ED Entered STN: 14 May 2003
CN [1,1'-Biphenyl]-3,4'-dicarboxamide,
N3-[[4-(aminosulfonyl)phenyl]methyl]-N4'-(3-cyanophenyl)-6-methyl- (CA
INDEX NAME)
MF C29 H24 N4 O4 S
SR CA
LC STN Files: CA, CAPLUS



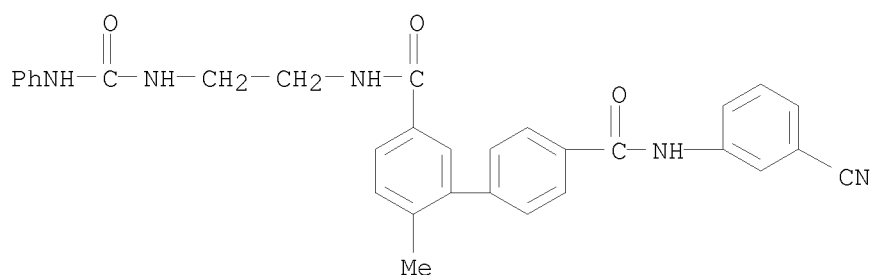
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 184 OF 186 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515130-62-8 REGISTRY
ED Entered STN: 14 May 2003
CN [1,1'-Biphenyl]-3,4'-dicarboxamide,
N4'-[(2-[[[(phenylamino)carbonyl]amino]ethyl]-N3-[[4-(aminosulfonyl)phenyl]methyl]-N4'-(3-cyanophenyl)-6-methyl-1,1'-biphenyl-3,4'-dicarboxamide (CA INDEX NAME)
MF C31 H27 N5 O3
SR CA
LC STN Files: CA, CAPLUS

7/7/09

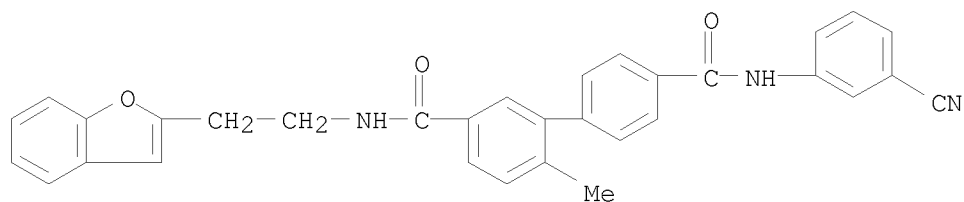
10551503



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 185 OF 186 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515130-61-7 REGISTRY
ED Entered STN: 14 May 2003
CN [1,1'-Biphenyl]-3,4'-dicarboxamide,
N3-[2-(2-benzofuranyl)ethyl]-N4'-(3-cyanophenyl)-6-methyl- (CA INDEX
NAME)
MF C32 H25 N3 O3
SR CA
LC STN Files: CA, CAPLUS



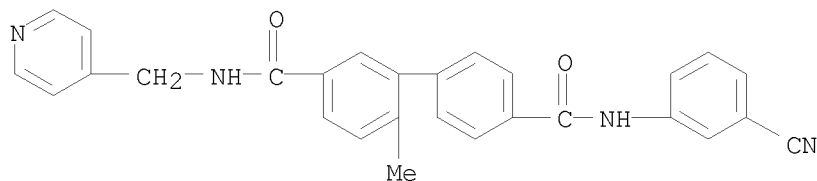
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 186 OF 186 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515130-60-6 REGISTRY
ED Entered STN: 14 May 2003
CN [1,1'-Biphenyl]-3,4'-dicarboxamide,
N4'-(3-cyanophenyl)-6-methyl-N3-(4-pyridinylmethyl)- (CA INDEX NAME)
MF C28 H22 N4 O2
CI COM
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

7/7/09

10551503



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file zcaplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

265.22

265.44

FILE 'ZCAPLUS' ENTERED AT 11:48:46 ON 07 JUL 2009

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FILE COVERS 1907 - 7 Jul 2009 VOL 151 ISS 2

FILE LAST UPDATED: 6 Jul 2009 (20090706/ED)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2009

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2009

ZCAplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2009.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 13

L4 8 L3

=> d 14 1-8

7/7/09

10551503

L4 ANSWER 1 OF 8 ZCAPLUS COPYRIGHT 2009 ACS on STN
AN 2008:1481200 ZCAPLUS
DN 150:29003
TI NF- κ B inhibitor-p38 MAP kinase inhibitor combination for the
treatment of cancer and inflammatory diseases
IN Fu, Haian; Liotta, Dennis C.; Thomas, Shala L.; Snyder, James P.
PA Emory University, USA
SO PCT Int. Appl., 122pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2008150899	A1	20081211	WO 2008-US65132	20080529
	W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
	RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			

PRAI US 2007-932125P P 20070529

OS MARPAT 150:29003

RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 8 ZCAPLUS COPYRIGHT 2009 ACS on STN
AN 2008:903999 ZCAPLUS
DN 149:298758
TI Biphenyl amide p38 kinase inhibitors 3: Improvement of cellular and in vivo activity
AU Angell, Richard; Aston, Nicola M.; Bamborough, Paul; Buckton, Jacky B.; Cockerill, Stuart; de Boeck, Suzanne J.; Edwards, Chris D.; Holmes, Duncan S.; Jones, Katherine L.; Laine, Dramane I.; Patel, Shila; Smee, Penny A.; Smith, Kathryn J.; Somers, Don O.; Walker, Ann L.
CS Medicines Research Centre, GlaxoSmithKline R&D, Stevenage, Hertfordshire, SG1 2NY, UK
SO Bioorganic & Medicinal Chemistry Letters (2008), 18(15), 4428-4432
CODEN: BMCLE8; ISSN: 0960-894X
PB Elsevier Ltd.
DT Journal
LA English
OS CASREACT 149:298758
RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 8 ZCAPLUS COPYRIGHT 2009 ACS on STN
AN 2007:327723 ZCAPLUS
DN 146:358864
TI Preparation of heterocyclyl biphenylcarboxamides for treatment of hepatitis C virus (HCV) infection.

7/7/09

10551503

IN Wheelhouse, Christopher James; Thomas, Alexander James Floyd; Bushnell,
David John; Lumley, James; Salter, James Iain; Carter, Malcolm Clive;
Mathews, Neil; Pilkington, Christopher John; Angell, Richard Martyn
PA Arrow Therapeutics Limited, UK
SO PCT Int. Appl., 170pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2007031791	A1	20070322	WO 2006-GB3469	20060918
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	AU 2006290442	A1	20070322	AU 2006-290442	20060918
	CA 2621364	A1	20070322	CA 2006-2621364	20060918
	EP 1940786	A1	20080709	EP 2006-779478	20060918
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS				
	JP 2009508835	T	20090305	JP 2008-530624	20060918
	AU 2007266915	A1	20071206	AU 2007-266915	20070321
	CA 2653924	A1	20071206	CA 2007-2653924	20070321
	WO 2007138242	A1	20071206	WO 2007-GB1024	20070321
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	EP 2038253	A1	20090325	EP 2007-712949	20070321
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	IN 2008DN01922	A	20090320	IN 2008-DN1922	20080305
	MX 2008003269	A	20080409	MX 2008-3269	20080307
	US 20080255105	A1	20081016	US 2008-66983	20080314
	KR 2008050490	A	20080605	KR 2008-708964	20080415
	NO 2008001846	A	20080604	NO 2008-1846	20080416
	CN 101309902	A	20081119	CN 2006-80042319	20080513
	MX 2008014990	A	20081209	MX 2008-14990	20081125

7/7/09

10551503

	KR 2009012345	A	20090203	KR 2008-729271	20081128
	NO 2008005034	A	20090224	NO 2008-5034	20081202
	IN 2008DN10101	A	20090320	IN 2008-DN10101	20081204
PRAI	GB 2005-18971	A	20050916		
	GB 2006-10663	A	20060530		
	GB 2006-10664	A	20060530		
	WO 2006-GB3469	W	20060918		
	WO 2007-GB1024	W	20070321		

OS MARPAT 146:358864

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 8 ZCAPLUS COPYRIGHT 2009 ACS on STN

AN 2006:1096119 ZCAPLUS

DN 145:438417

TI Substituted 3,4'-biphenyldicarboxamides as p38 kinase inhibitors, and their preparation, pharmaceutical compositions, and use

IN Boehm, Jeffrey C.; Callahan, James Francis; Wan, Zehong; Yan, Hongxing

PA Smithkline Beecham Corporation, USA

SO PCT Int. Appl., 130pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 2006110173	A2	20061019	WO 2005-US35743	20051005
	WO 2006110173	A3	20061123		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
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	EP 1805132	A2	20070711	EP 2005-857821	20051005
	R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, HR			
	JP 2008515898	T	20080515	JP 2007-535764	20051005
	US 20080051416	A1	20080228	US 2007-576748	20070405
PRAI	US 2004-616065P	P	20041005		
	US 2005-719729P	P	20050922		
	WO 2005-US35743	W	20051005		

OS CASREACT 145:438417; MARPAT 145:438417

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 8 ZCAPLUS COPYRIGHT 2009 ACS on STN

AN 2004:878362 ZCAPLUS

DN 141:349932

TI Preparation of biphenylcarboxylic amide derivatives as p38 kinase inhibitors

7/7/09

10551503

IN Aston, Nicola Mary
PA Smithkline Beecham Corporation, USA
SO PCT Int. Appl., 45 pp.

CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004089875	A1	20041021	WO 2004-EP3769	20040407
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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	EP 1611085	A1	20060104	EP 2004-726155	20040407
	EP 1611085	B1	20070228		
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	AT 355265	T	20060315	AT 2004-726155	20040407
	JP 2006523192	T	20061012	JP 2006-505066	20040407
	US 20070105850	A1	20070510	US 2004-551503	20040407
	ES 2282857	T3	20071016	ES 2004-726155	20040407
PRAI	GB 2003-8201	A	20030409		
	US 2000-249877P	P	20001117		
	US 2001-310561P	P	20010807		
	WO 2004-EP3769	W	20040407		

OS MARPAT 141:349932

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 8 ZCAPLUS COPYRIGHT 2009 ACS on STN

AN 2004:872774 ZCAPLUS

DN 141:349930

TI Preparation of biphenylcarboxylic amide derivatives as p38 kinase inhibitors

IN Aston, Nicola Mary; Bamborough, Paul; Jones, Katherine Louise; Patel, Vipulkumar Kantibhai; Swanson, Stephen; Walker, Ann Louise

PA Smithkline Beecham Corporation, USA

SO PCT Int. Appl., 96 pp.

CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004089874	A1	20041021	WO 2004-EP3774	20040407
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7/7/09

NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
 TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
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 ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
 SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,
 TD, TG

AU 2004228199 A1 20041021 AU 2004-228199 20040407
 CA 2521228 A1 20041021 CA 2004-2521228 20040407
 EP 1608616 A1 20051228 EP 2004-726134 20040407
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 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR
 BR 2004008727 A 20060307 BR 2004-8727 20040407
 JP 2006523194 T 20061012 JP 2006-505071 20040407
 ZA 2005006919 A 20061129 ZA 2005-6919 20050829
 MX 2005010521 A 20051214 MX 2005-10521 20050929
 US 20070129354 A1 20070607 US 2005-551502 20050930
 PRAI GB 2003-8186 A 20030409
 WO 2004-EP3774 A 20040407
 OS MARPAT 141:349930
 RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 7 OF 8 ZCAPLUS COPYRIGHT 2009 ACS on STN
 AN 2003:319706 ZCAPLUS
 DN 138:337843
 TI Preparation of 5'-carbamoyl-1,1'-biphenyl-4-carboxamides as p38 kinase
 inhibitors
 IN Angell, Richard Martyn; Aston, Nicola Mary; Bamborough, Paul; Bamford,
 Mark James; Cockerill, George Stuart; Merrick, Suzanne Joy; Walker, Ann
 Louise
 PA Glaxo Group Limited, UK
 SO PCT Int. Appl., 44 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2003032980	A1	20030424	WO 2002-EP11573	20021016
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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AU 2002346927	A1	20030428	AU 2002-346927	20021016
EP 1435942	A1	20040714	EP 2002-782929	20021016
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JP 2005508960	T	20050407	JP 2003-535783	20021016
US 20050038014	A1	20050217	US 2004-492699	20041012
US 7396843	B2	20080708		

10551503

PRAI GB 2001-24931 A 20011017
WO 2002-EP11573 W 20021016
OS MARPAT 138:337843
RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 8 OF 8 ZCAPLUS COPYRIGHT 2009 ACS on STN
AN 2003:319700 ZCAPLUS
DN 138:337839
TI Preparation of 5'-carbamoyl-2'-methyl-1,1'-biphenyl-4-carboxamides as p38
kinase inhibitors
IN Angell, Richard Martyn; Aston, Nicola Mary; Bamborough, Paul; Bamford,
Mark James; Cockerill, George Stuart; Merrick, Suzanne Joy; Smith, Kathryn
Jane; Walker, Ann Louise
PA Glaxo Group Limited, UK
SO PCT Int. Appl., 57 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003032970	A1	20030424	WO 2002-EP11570	20021016
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	AU 2002342833	A1	20030428	AU 2002-342833	20021016
	EP 1435933	A1	20040714	EP 2002-779491	20021016
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	JP 2005509622	T	20050414	JP 2003-535774	20021016
PRAI GB 2001-24928	A	20011017			
WO 2002-EP11570	W	20021016			
OS MARPAT 138:337839					
RE.CNT 2	THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT				

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COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
10.07	275.51

FILE 'REGISTRY' ENTERED AT 11:49:09 ON 07 JUL 2009
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DICTIONARY FILE UPDATES: 6 JUL 2009 HIGHEST RN 1160908-15-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

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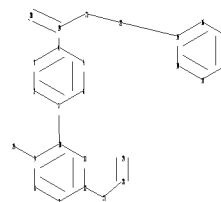
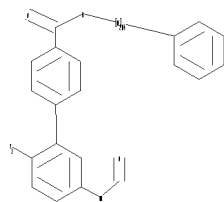
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conducting SmartSELECT searches.

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on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

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chain nodes :
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ring nodes :

7/7/09

10551503

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chain bonds :
1-10  4-19  9-25 12-27 15-22 19-20 19-21 21-22 27-28 28-29
ring bonds :
1-2   1-6   2-3   3-4   4-5   5-6   7-8   7-12  8-9   9-10  10-11 11-12 13-14 13-18
14-15 15-16 16-17 17-18
exact/norm bonds :
9-25 12-27 19-20 19-21 27-28 28-29
exact bonds :
1-10  4-19 15-22 21-22
normalized bonds :
1-2   1-6   2-3   3-4   4-5   5-6   7-8   7-12  8-9   9-10  10-11 11-12 13-14 13-18
14-15 15-16 16-17 17-18
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G1:CH3,Et,X

Match level :

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11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:Atom 21:Atom 22:Atom 25:Atom 27:Atom 28:Atom 29:Atom
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PROJECTED ANSWERS:      6 TO     266
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RN  1092358-64-9  REGISTRY
ED  Entered STN:  31 Dec 2008
CN  4-Pyridinecarboxamide, N-[4'-[[[(3-methoxyphenyl)methyl]amino]carbonyl]-6-
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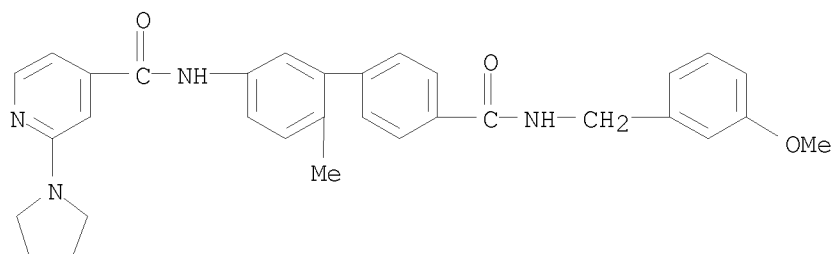
7/7/09

10551503

3,5-bis[(2-fluorophenyl)methylene]-4-piperidinone (CA INDEX NAME)
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CI MXS
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

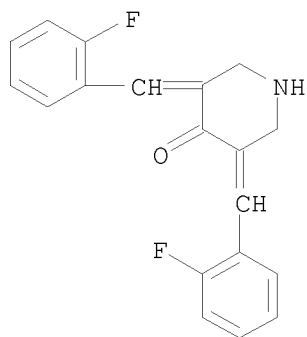
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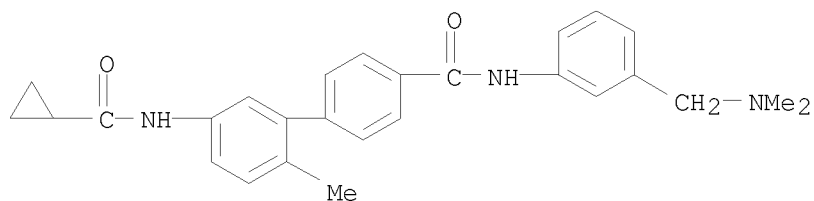


1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 10 OF 111 REGISTRY COPYRIGHT 2009 ACS on STN
RN 929893-53-8 REGISTRY
ED Entered STN: 13 Apr 2007
CN [1,1'-Biphenyl]-4-carboxamide, 5'-[(cyclopropylcarbonyl)amino]-N-[3-[(dimethylamino)methyl]phenyl]-2'-methyl- (CA INDEX NAME)
MF C27 H29 N3 O2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

7/7/09

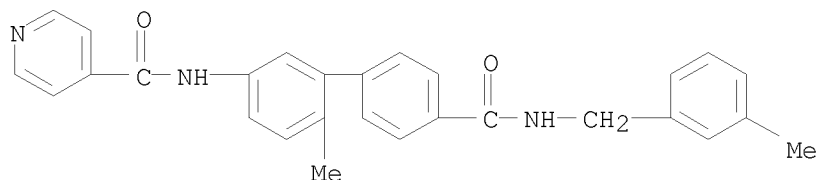
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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 20 OF 111 REGISTRY COPYRIGHT 2009 ACS on STN
RN 929893-43-6 REGISTRY
ED Entered STN: 13 Apr 2007
CN 4-Pyridinecarboxamide, N-[6-methyl-4'-[[[(3-methylphenyl)methyl]amino]carbonyl][1,1'-biphenyl]-3-yl]- (CA INDEX NAME)
MF C28 H25 N3 O2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

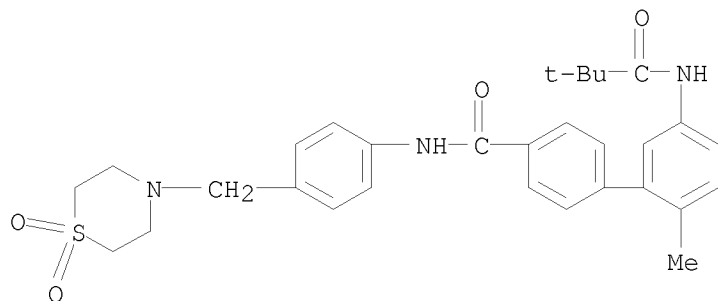


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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 30 OF 111 REGISTRY COPYRIGHT 2009 ACS on STN
RN 929893-23-2 REGISTRY
ED Entered STN: 13 Apr 2007
CN [1,1'-Biphenyl]-4-carboxamide, 5'-[(2,2-dimethyl-1-oxopropyl)amino]-N-[4-[(1,1-dioxido-4-thiomorpholinyl)methyl]phenyl]-2'-methyl- (CA INDEX NAME)
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LC STN Files: CA, CAPLUS, USPATFULL

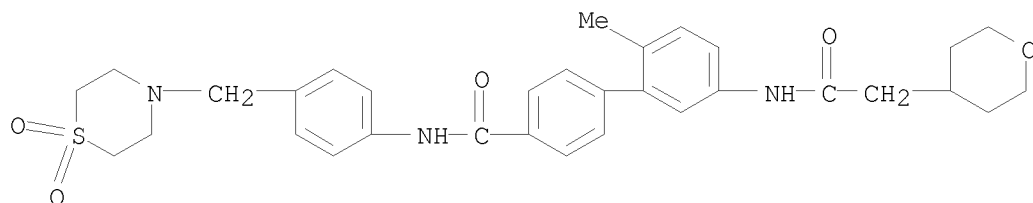
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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 40 OF 111 REGISTRY COPYRIGHT 2009 ACS on STN
RN 929893-12-9 REGISTRY
ED Entered STN: 13 Apr 2007
CN 2H-Pyran-4-acetamide, N-[4'-[[[4-[(1,1-dioxido-4-thiomorpholinyl)methyl]phenyl]amino]carbonyl]-6-methyl[1,1'-biphenyl]-3-yl]tetrahydro- (CA INDEX NAME)
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LC STN Files: CA, CAPLUS, USPATFULL



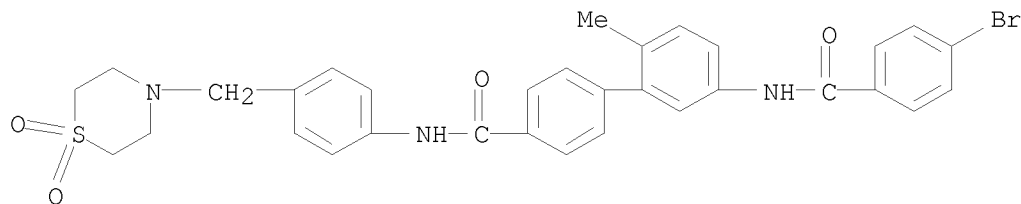
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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 50 OF 111 REGISTRY COPYRIGHT 2009 ACS on STN
RN 929893-00-5 REGISTRY
ED Entered STN: 13 Apr 2007
CN [1,1'-Biphenyl]-4-carboxamide, 5'-[(4-bromobenzoyl)amino]-N-[4-[(1,1-dioxido-4-thiomorpholinyl)methyl]phenyl]-2'-methyl- (CA INDEX NAME)
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LC STN Files: CA, CAPLUS, USPATFULL

7/7/09

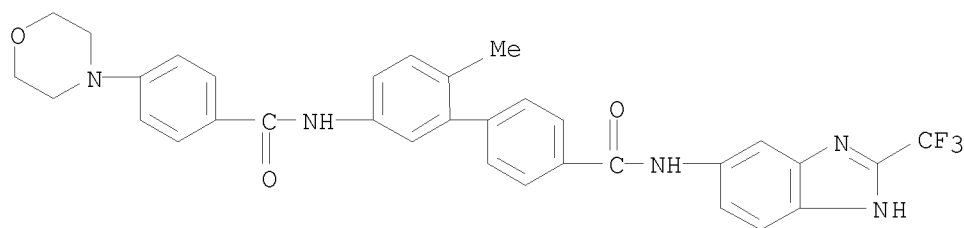
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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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RN 929892-52-4 REGISTRY
ED Entered STN: 13 Apr 2007
CN [1,1'-Biphenyl]-4-carboxamide, 2'-methyl-5'-[[4-(4-morpholinyl)benzoyl]amino]-N-[2-(trifluoromethyl)-1H-benzimidazol-6-yl]-
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SR CA
LC STN Files: CA, CAPLUS, USPATFULL

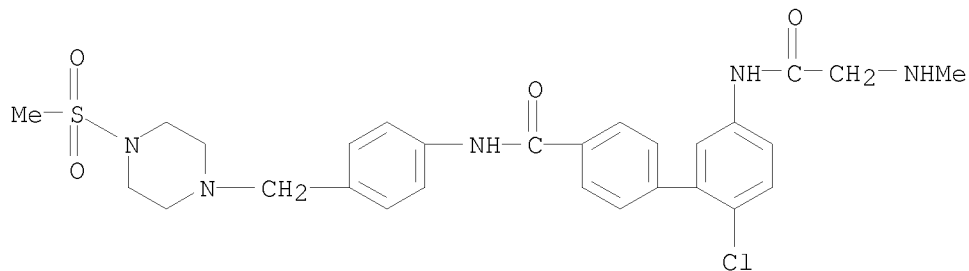


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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 70 OF 111 REGISTRY COPYRIGHT 2009 ACS on STN
RN 929890-79-9 REGISTRY
ED Entered STN: 13 Apr 2007
CN [1,1'-Biphenyl]-4-carboxamide, 2'-chloro-5'-[[2-(methylamino)acetyl]amino]-
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SR CA
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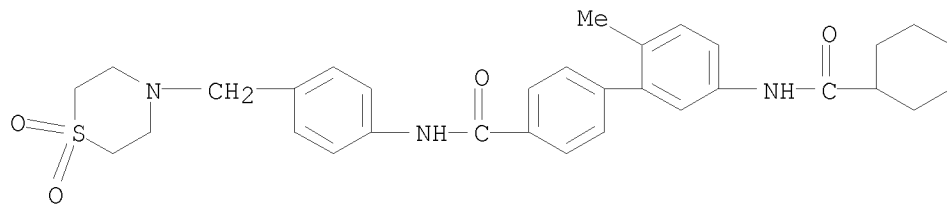
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 80 OF 111 REGISTRY COPYRIGHT 2009 ACS on STN
RN 929890-47-1 REGISTRY
ED Entered STN: 13 Apr 2007
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SR CA
LC STN Files: CA, CAPLUS, USPATFULL



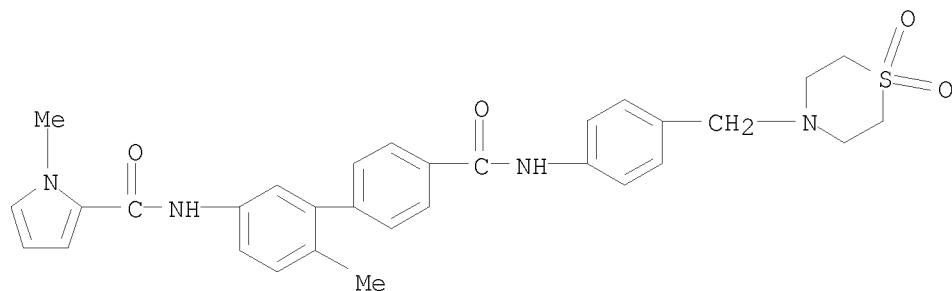
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RN 929890-46-0 REGISTRY
ED Entered STN: 13 Apr 2007
CN 1H-Pyrrole-2-carboxamide, N-[4'-[[[4-[(1,1-dioxido-4-thiomorpholinyl)methyl]phenyl]amino]carbonyl]-6-methyl[1,1'-biphenyl]-3-yl]-1-methyl- (CA INDEX NAME)
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SR CA
LC STN Files: CA, CAPLUS, USPATFULL

7/7/09

10551503



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 82 OF 111 REGISTRY COPYRIGHT 2009 ACS on STN

RN 929890-45-9 REGISTRY

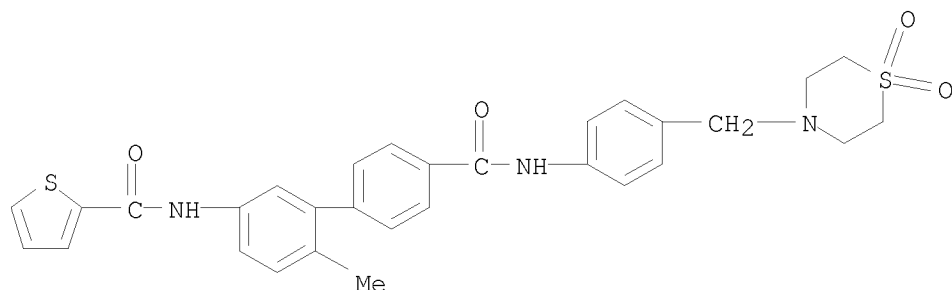
ED Entered STN: 13 Apr 2007

CN 2-Thiophenecarboxamide, N-[4'-[[[4-[(1,1-dioxido-4-thiomorpholinyl)methyl]phenyl]amino]carbonyl]-6-methyl[1,1'-biphenyl]-3-yl]- (CA INDEX NAME)

MF C30 H29 N3 O4 S2

SR	CA
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LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 83 OF 111 REGISTRY COPYRIGHT 2009 ACS on STN

RN 929890-44-8 REGISTRY

ED Entered STN: 13 Apr 2007

CN 4-Morpholinecarboxamide, N-[4'-[[[4-[(1,1-dioxido-4-thiomorpholinyl)methyl]phenyl]amino]carbonyl]-6-methyl[1,1'-biphenyl]-3-yl]- (CA INDEX NAME)

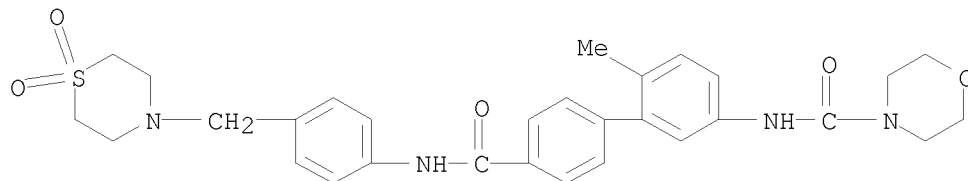
MF C30 H34 N4 O5 S

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

7/7/09

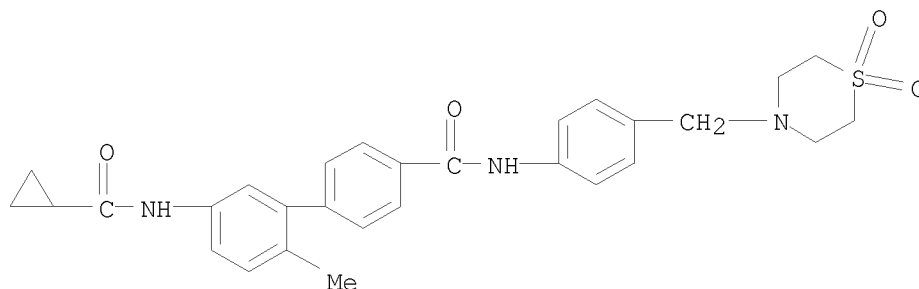
10551503



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 84 OF 111 REGISTRY COPYRIGHT 2009 ACS on STN
RN 929890-42-6 REGISTRY
ED Entered STN: 13 Apr 2007
CN [1,1'-Biphenyl]-4-carboxamide, 5'-[(cyclopropylcarbonyl)amino]-N-[4-[(1,1-dioxido-4-thiomorpholinyl)methyl]phenyl]-2'-methyl- (CA INDEX NAME)
MF C29 H31 N3 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

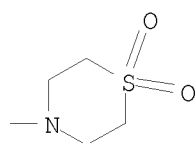
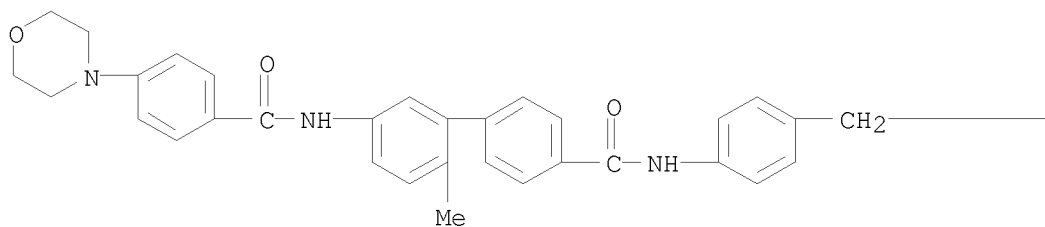


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 85 OF 111 REGISTRY COPYRIGHT 2009 ACS on STN
RN 929890-37-9 REGISTRY
ED Entered STN: 13 Apr 2007
CN [1,1'-Biphenyl]-4-carboxamide, N-[4-[(1,1-dioxido-4-thiomorpholinyl)methyl]phenyl]-2'-methyl-5'-[[4-(4-morpholinyl)benzoyl]amino]- (CA INDEX NAME)
MF C36 H38 N4 O5 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

7/7/09



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 86 OF 111 REGISTRY COPYRIGHT 2009 ACS on STN

RN 515140-60-0 REGISTRY

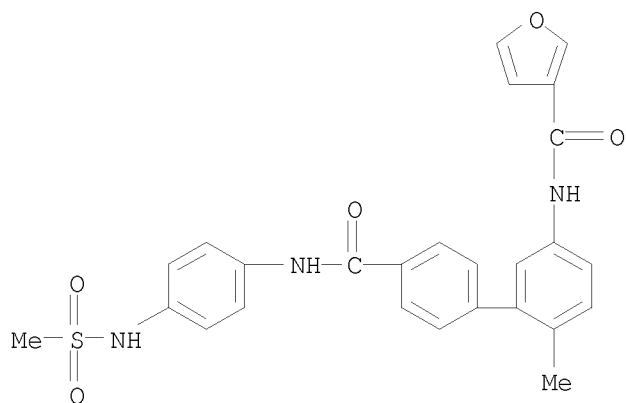
ED Entered STN: 14 May 2003

CN 3-Furancarboxamide, N-[6-methyl-4'-[[[4-(methylsulfonyl)amino]phenyl]amino]carbonyl][1,1'-biphenyl]-3-yl]- (CA INDEX NAME)

MF C26 H23 N3 O5 S

SR CA

LC STN Files: CA, CAPLUS, USPAT2, USPATFULL

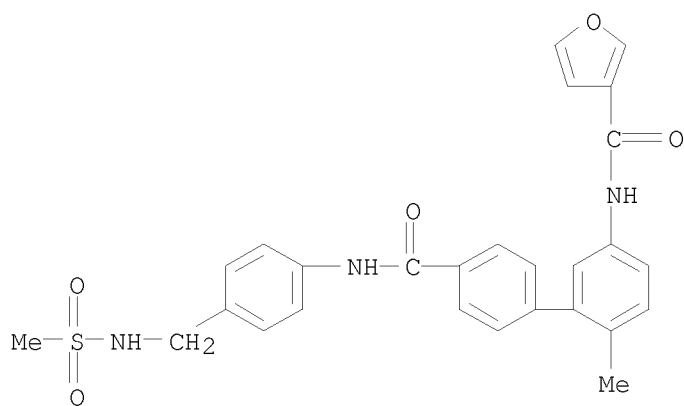


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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 87 OF 111 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515140-59-7 REGISTRY
ED Entered STN: 14 May 2003
CN 3-Furancarboxamide, N-[6-methyl-4'-[[[4-
[(methylsulfonyl)amino]methyl]phenyl]amino]carbonyl][1,1'-biphenyl]-3-yl]-
(CA INDEX NAME)
MF C27 H25 N3 O5 S
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL



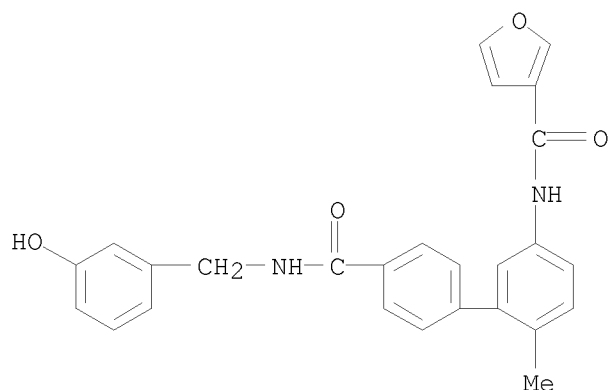
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 88 OF 111 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515140-58-6 REGISTRY
ED Entered STN: 14 May 2003
CN 3-Furancarboxamide, N-[4'-[[[(3-hydroxyphenyl)methyl]amino]carbonyl]-6-
methyl[1,1'-biphenyl]-3-yl]- (CA INDEX NAME)
MF C26 H22 N2 O4
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL

7/7/09

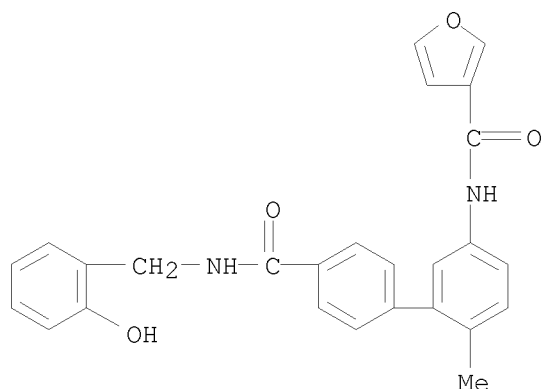
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 89 OF 111 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515140-57-5 REGISTRY
ED Entered STN: 14 May 2003
CN 3-Furancarboxamide, N-[4'-[[[(2-hydroxyphenyl)methyl]amino]carbonyl]-6-methyl[1,1'-biphenyl]-3-yl]- (CA INDEX NAME)
MF C26 H22 N2 O4
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

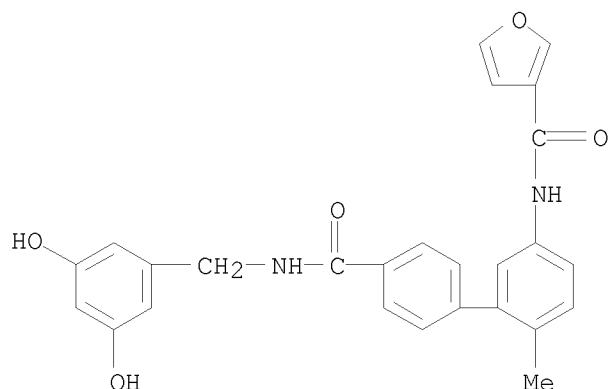
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 90 OF 111 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515140-56-4 REGISTRY

7/7/09

10551503

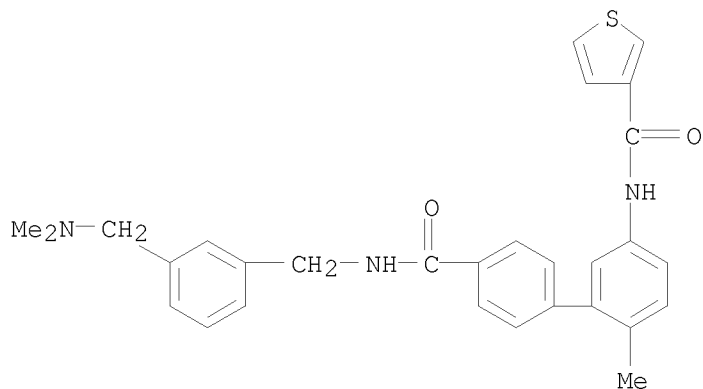
ED Entered STN: 14 May 2003
CN 3-Furancarboxamide, N-[4'-[[[(3,5-dihydroxyphenyl)methyl]amino]carbonyl]-6-methyl[1,1'-biphenyl]-3-yl]- (CA INDEX NAME)
MF C26 H22 N2 O5
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 91 OF 111 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515140-55-3 REGISTRY
ED Entered STN: 14 May 2003
CN 3-Thiophenecarboxamide, N-[4'-[[[(3-(dimethylamino)methyl)phenyl]methyl]amino]carbonyl]-6-methyl[1,1'-biphenyl]-3-yl]- (CA INDEX NAME)
MF C29 H29 N3 O2 S
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL



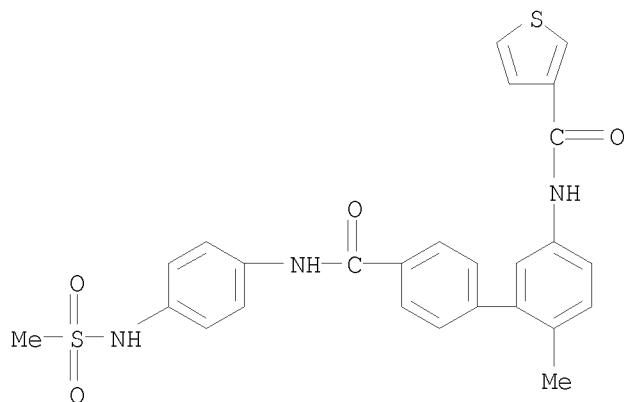
7/7/09

10551503

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 92 OF 111 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515140-54-2 REGISTRY
ED Entered STN: 14 May 2003
CN 3-Thiophenecarboxamide, N-[6-methyl-4'-[[[4-
[(methylsulfonyl)amino]phenyl]amino]carbonyl][1,1'-biphenyl]-3-yl]- (CA
INDEX NAME)
MF C26 H23 N3 O4 S2
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL



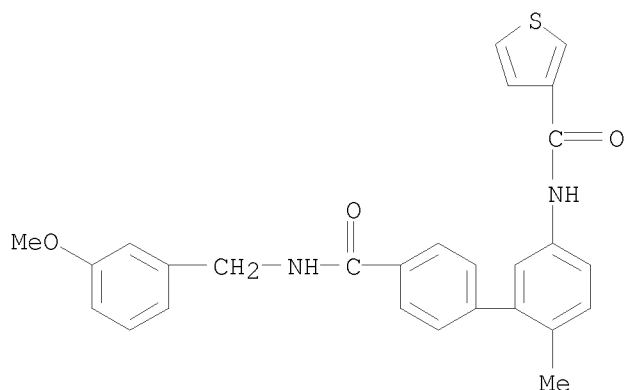
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 93 OF 111 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515140-53-1 REGISTRY
ED Entered STN: 14 May 2003
CN 3-Thiophenecarboxamide, N-[4'-[[[(3-methoxyphenyl)methyl]amino]carbonyl]-6-
methyl[1,1'-biphenyl]-3-yl]- (CA INDEX NAME)
MF C27 H24 N2 O3 S
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL

7/7/09

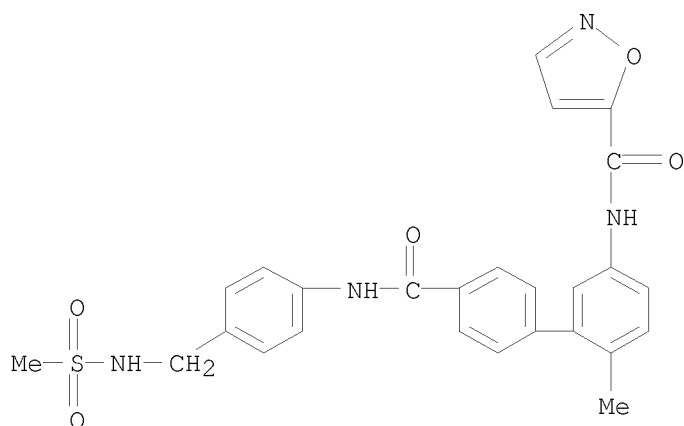
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 94 OF 111 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515140-52-0 REGISTRY
ED Entered STN: 14 May 2003
CN 5-Isioxazolecarboxamide, N-[6-methyl-4'-[[[4-
[(methylsulfonyl)amino]methyl]phenyl]amino]carbonyl][1,1'-biphenyl]-3-yl]-
(CA INDEX NAME)
MF C26 H24 N4 O5 S
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL



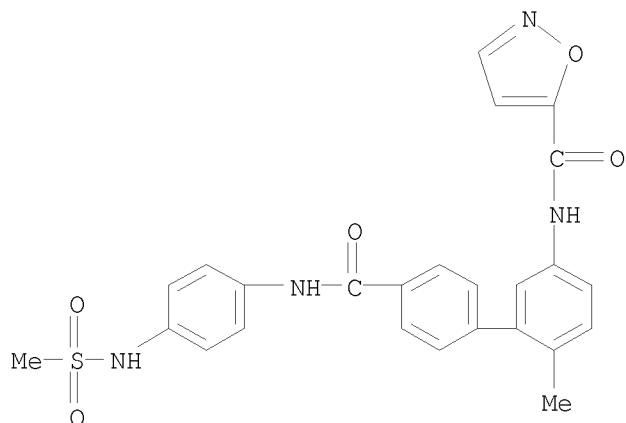
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

7/7/09

10551503

L7 ANSWER 95 OF 111 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515140-51-9 REGISTRY
ED Entered STN: 14 May 2003
CN 5-Isoxazolecarboxamide, N-[6-methyl-4'-[[[4-
[(methylsulfonyl)amino]phenyl]amino]carbonyl][1,1'-biphenyl]-3-yl]- (CA
INDEX NAME)
MF C25 H22 N4 O5 S
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL



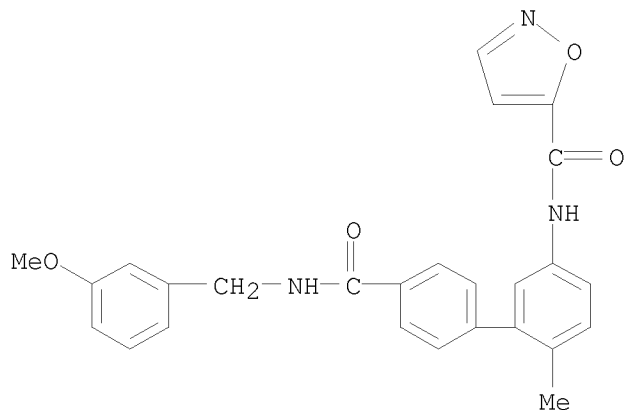
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 96 OF 111 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515140-50-8 REGISTRY
ED Entered STN: 14 May 2003
CN 5-Isoxazolecarboxamide, N-[4'-[[[(3-methoxyphenyl)methyl]amino]carbonyl]-6-
methyl[1,1'-biphenyl]-3-yl]- (CA INDEX NAME)
MF C26 H23 N3 O4
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL

7/7/09

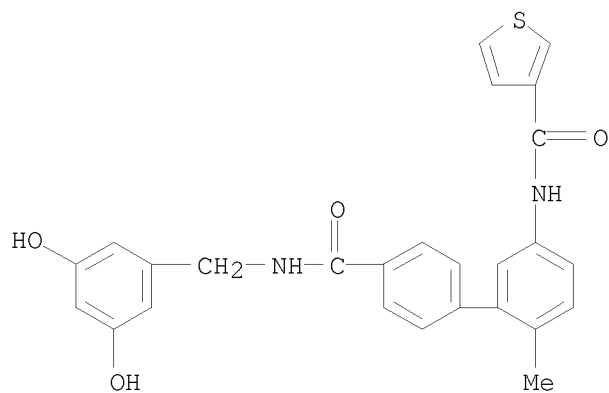
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 97 OF 111 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515140-49-5 REGISTRY
ED Entered STN: 14 May 2003
CN 3-Thiophenecarboxamide, N-[4'-[[[(3,5-dihydroxyphenyl)methyl]amino]carbonyl]-6-methyl[1,1'-biphenyl]-3-yl]- (CA INDEX NAME)
MF C26 H22 N2 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

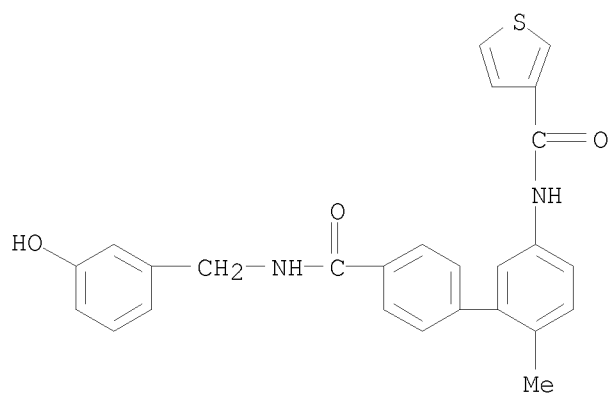
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 98 OF 111 REGISTRY COPYRIGHT 2009 ACS on STN

7/7/09

10551503

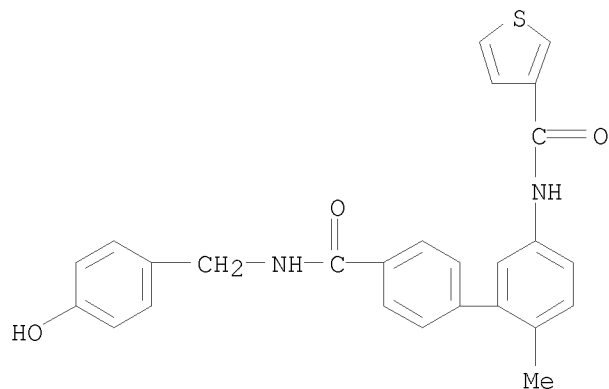
RN 515140-48-4 REGISTRY
ED Entered STN: 14 May 2003
CN 3-Thiophenecarboxamide, N-[4'-[[[(3-hydroxyphenyl)methyl]amino]carbonyl]-6-methyl[1,1'-biphenyl]-3-yl]- (CA INDEX NAME)
MF C26 H22 N2 O3 S
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 99 OF 111 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515140-47-3 REGISTRY
ED Entered STN: 14 May 2003
CN 3-Thiophenecarboxamide, N-[4'-[[[(4-hydroxyphenyl)methyl]amino]carbonyl]-6-methyl[1,1'-biphenyl]-3-yl]- (CA INDEX NAME)
MF C26 H22 N2 O3 S
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL



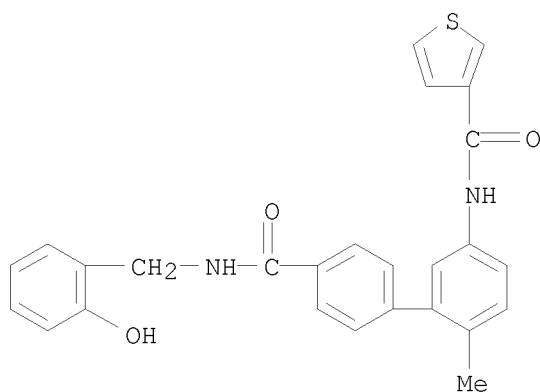
7/7/09

10551503

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 100 OF 111 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515140-46-2 REGISTRY
ED Entered STN: 14 May 2003
CN 3-Thiophenecarboxamide, N-[4'-[[[(2-hydroxyphenyl)methyl]amino]carbonyl]-6-methyl[1,1'-biphenyl]-3-yl]- (CA INDEX NAME)
MF C26 H22 N2 O3 S
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL



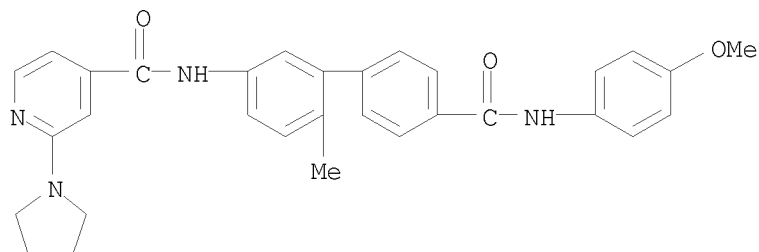
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 101 OF 111 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515140-45-1 REGISTRY
ED Entered STN: 14 May 2003
CN 4-Pyridinecarboxamide, N-[4'-[[[(4-methoxyphenyl)amino]carbonyl]-6-methyl[1,1'-biphenyl]-3-yl]-2-(1-pyrrolidinyl)- (CA INDEX NAME)
MF C31 H30 N4 O3
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL

7/7/09

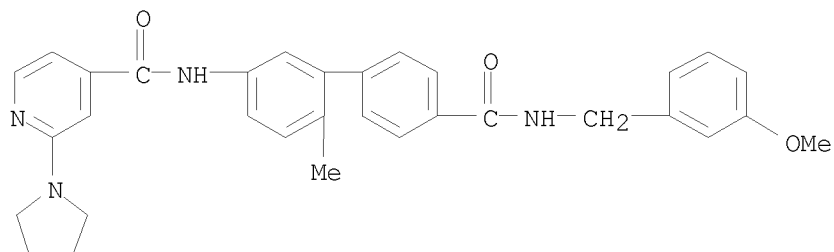
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 102 OF 111 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515140-44-0 REGISTRY
ED Entered STN: 14 May 2003
CN 4-Pyridinecarboxamide, N-[4'-[[(3-methoxyphenyl)methyl]amino]carbonyl]-6-methyl[1,1'-biphenyl]-3-yl]-2-(1-pyrrolidinyl)- (CA INDEX NAME)
MF C32 H32 N4 O3
CI COM
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL



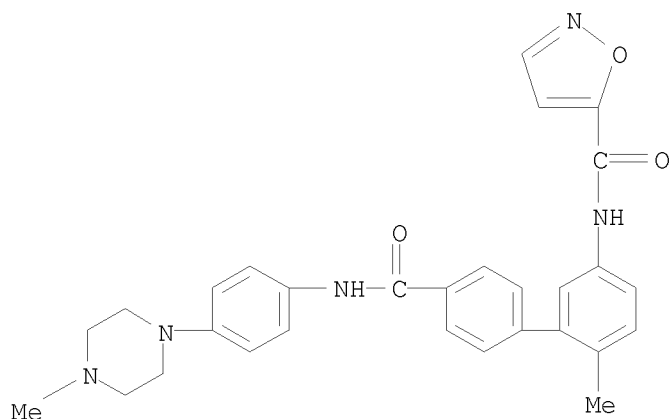
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2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 103 OF 111 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515137-81-2 REGISTRY
ED Entered STN: 14 May 2003
CN 5-Isoxazolecarboxamide, N-[6-methyl-4'-[[(4-methyl-1-piperazinyl)phenyl]amino]carbonyl]-[1,1'-biphenyl]-3-yl]- (CA INDEX NAME)
MF C29 H29 N5 O3
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL

7/7/09

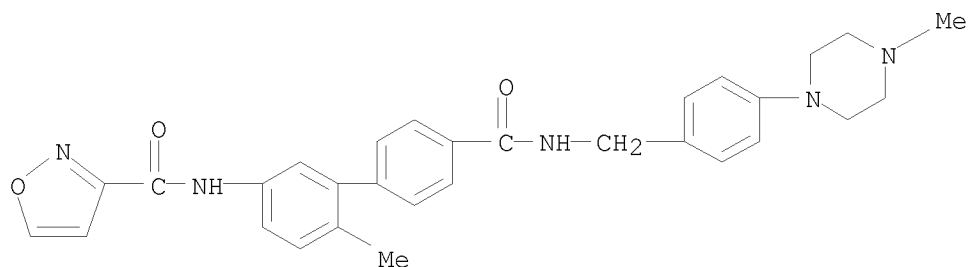
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 104 OF 111 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515137-75-4 REGISTRY
ED Entered STN: 14 May 2003
CN 3-Isioxazolecarboxamide, N-[6-methyl-4'-[[[4-(4-methyl-1-piperazinyl)phenyl]methyl]amino]carbonyl][1,1'-biphenyl]-3-yl]- (CA INDEX NAME)
MF C30 H31 N5 O3
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

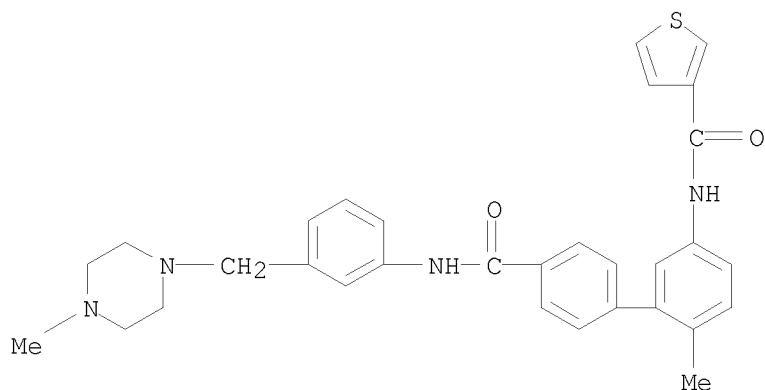
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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 105 OF 111 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515137-74-3 REGISTRY
ED Entered STN: 14 May 2003
CN 3-Thiophenecarboxamide, N-[6-methyl-4'-[[[3-[(4-methyl-1-piperazinyl)methyl]phenyl]amino]carbonyl][1,1'-biphenyl]-3-yl]- (CA INDEX NAME)

7/7/09

10551503

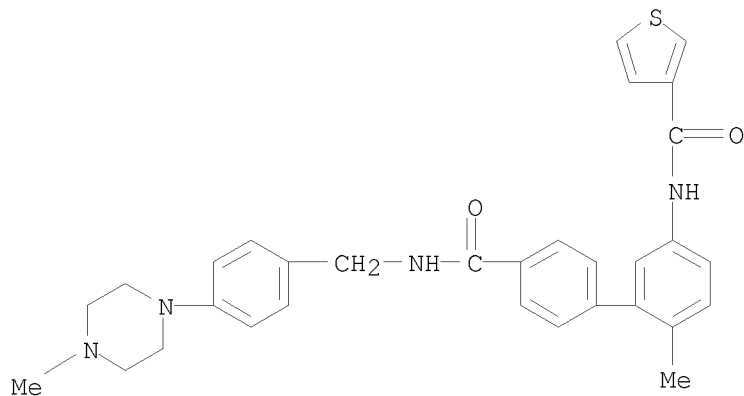
NAME)
MF C31 H32 N4 O2 S
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 106 OF 111 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515137-73-2 REGISTRY
ED Entered STN: 14 May 2003
CN 3-Thiophenecarboxamide, N-[6-methyl-4'-[[[4-(4-methyl-1-piperazinyl)phenyl]methyl]amino]carbonyl][1,1'-biphenyl]-3-yl]- (CA INDEX NAME)
MF C31 H32 N4 O2 S
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL



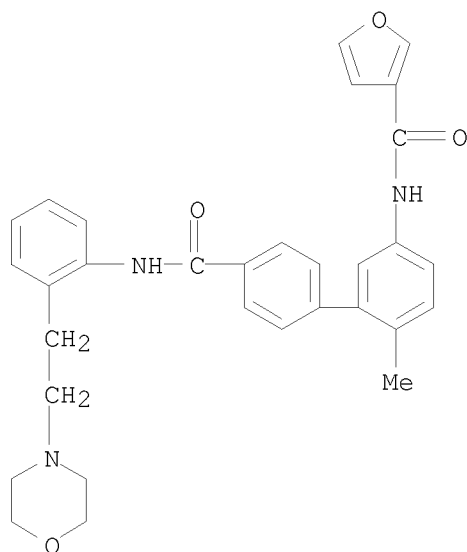
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

7/7/09

10551503

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 107 OF 111 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515137-70-9 REGISTRY
ED Entered STN: 14 May 2003
CN 3-Furancarboxamide, N-[6-methyl-4'-[[[2-[2-(4-morpholinyl)ethyl]phenyl]amino]carbonyl][1,1'-biphenyl]-3-yl]- (CA INDEX NAME)
MF C31 H31 N3 O4
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL



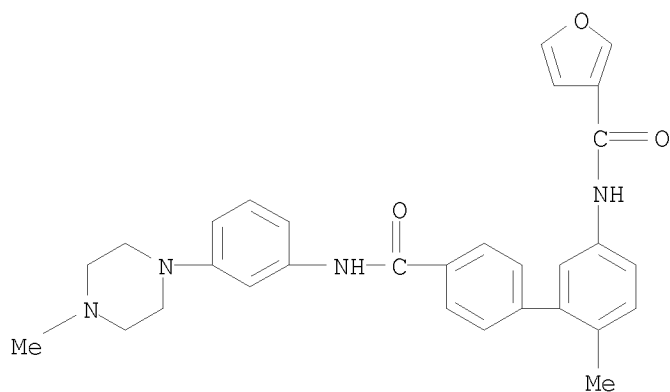
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 108 OF 111 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515137-69-6 REGISTRY
ED Entered STN: 14 May 2003
CN 3-Furancarboxamide, N-[6-methyl-4'-[[[3-(4-methyl-1-piperazinyl)phenyl]amino]carbonyl][1,1'-biphenyl]-3-yl]- (CA INDEX NAME)
MF C30 H30 N4 O3
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL

7/7/09

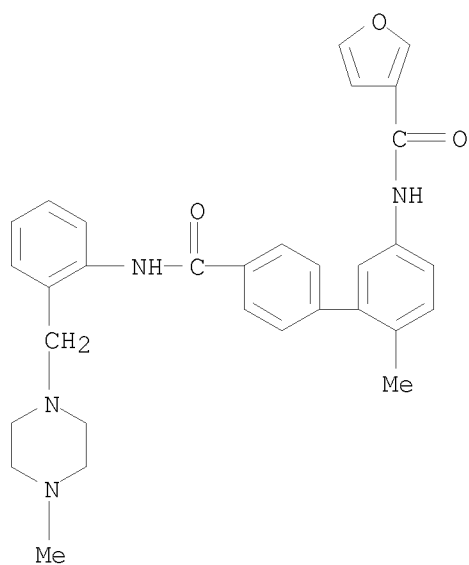
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 109 OF 111 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515137-68-5 REGISTRY
ED Entered STN: 14 May 2003
CN 3-Furancarboxamide, N-[6-methyl-4'-[[[2-[(4-methyl-1-piperazinyl)methyl]phenyl]amino]carbonyl][1,1'-biphenyl]-3-yl]- (CA INDEX NAME)
MF C31 H32 N4 O3
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL



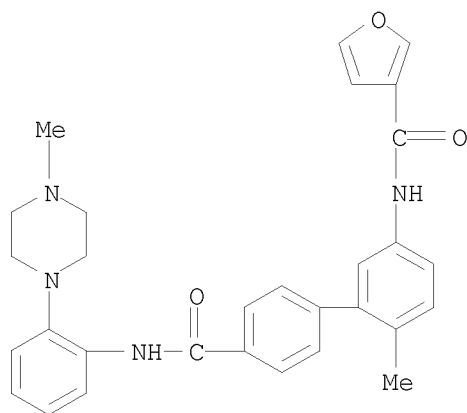
7/7/09

10551503

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 110 OF 111 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515137-67-4 REGISTRY
ED Entered STN: 14 May 2003
CN 3-Furancarboxamide, N-[6-methyl-4'-[[[2-(4-methyl-1-piperazinyl)phenyl]amino]carbonyl][1,1'-biphenyl]-3-yl]- (CA INDEX NAME)
MF C30 H30 N4 O3
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL



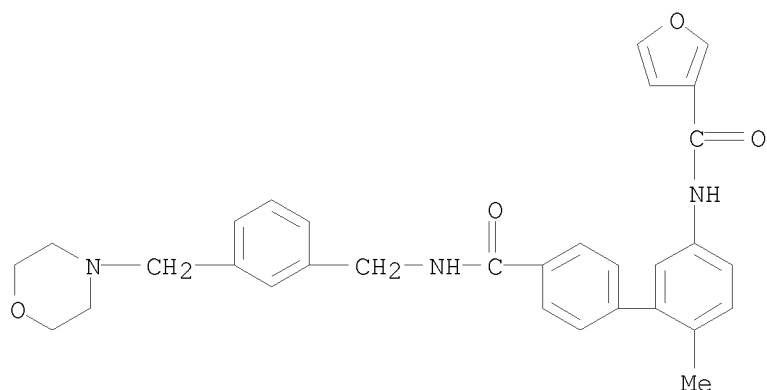
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 111 OF 111 REGISTRY COPYRIGHT 2009 ACS on STN
RN 515137-64-1 REGISTRY
ED Entered STN: 14 May 2003
CN 3-Furancarboxamide, N-[6-methyl-4'-[[[3-(4-morpholinylmethyl)phenyl]methyl]amino]carbonyl][1,1'-biphenyl]-3-yl]- (CA INDEX NAME)
MF C31 H31 N3 O4
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL

7/7/09

10551503



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file zcaplus
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
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FULL ESTIMATED COST

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FILE COVERS 1907 - 7 Jul 2009 VOL 151 ISS 2
FILE LAST UPDATED: 6 Jul 2009 (20090706/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2009

ZCAplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2009.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

7/7/09

10551503

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 17

L8 4 L7

=> d 18 1-4

L8 ANSWER 1 OF 4 ZCAPLUS COPYRIGHT 2009 ACS on STN
AN 2008:1481200 ZCAPLUS
DN 150:29003
TI NF- κ B inhibitor-p38 MAP kinase inhibitor combination for the
treatment of cancer and inflammatory diseases
IN Fu, Haian; Liotta, Dennis C.; Thomas, Shala L.; Snyder, James P.
PA Emory University, USA
SO PCT Int. Appl., 122pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 2008150899	A1	20081211	WO 2008-US65132	20080529
	W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

PRAI US 2007-932125P P 20070529

OS MARPAT 150:29003

RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 2 OF 4 ZCAPLUS COPYRIGHT 2009 ACS on STN
AN 2007:327723 ZCAPLUS
DN 146:358864
TI Preparation of heterocyclyl biphenylcarboxamides for treatment of hepatitis C virus (HCV) infection.
IN Wheelhouse, Christopher James; Thomas, Alexander James Floyd; Bushnell, David John; Lumley, James; Salter, James Iain; Carter, Malcolm Clive; Mathews, Neil; Pilkington, Christopher John; Angell, Richard Martyn
PA Arrow Therapeutics Limited, UK
SO PCT Int. Appl., 170pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 2007031791	A1	20070322	WO 2006-GB3469	20060918

7/7/09

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 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 AU 2006290442 A1 20070322 AU 2006-290442 20060918
 CA 2621364 A1 20070322 CA 2006-2621364 20060918
 EP 1940786 A1 20080709 EP 2006-779478 20060918
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 JP 2009508835 T 20090305 JP 2008-530624 20060918
 AU 2007266915 A1 20071206 AU 2007-266915 20070321
 CA 2653924 A1 20071206 CA 2007-2653924 20070321
 WO 2007138242 A1 20071206 WO 2007-GB1024 20070321
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 EP 2038253 A1 20090325 EP 2007-712949 20070321
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 IN 2008DN01922 A 20090320 IN 2008-DN1922 20080305
 MX 2008003269 A 20080409 MX 2008-3269 20080307
 US 20080255105 A1 20081016 US 2008-66983 20080314
 KR 2008050490 A 20080605 KR 2008-708964 20080415
 NO 2008001846 A 20080604 NO 2008-1846 20080416
 CN 101309902 A 20081119 CN 2006-80042319 20080513
 MX 2008014990 A 20081209 MX 2008-14990 20081125
 KR 2009012345 A 20090203 KR 2008-729271 20081128
 NO 2008005034 A 20090224 NO 2008-5034 20081202
 IN 2008DN10101 A 20090320 IN 2008-DN10101 20081204
 PRAI GB 2005-18971 A 20050916
 GB 2006-10663 A 20060530
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 WO 2006-GB3469 W 20060918
 WO 2007-GB1024 W 20070321
 OS MARPAT 146:358864
 RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

10551503

L8 ANSWER 3 OF 4 ZCAPLUS COPYRIGHT 2009 ACS on STN
AN 2003:319887 ZCAPLUS
DN 138:337845
TI Preparation of biphenylcarboxamides as p38 kinase inhibitors
IN Angell, Richard Martyn; Aston, Nicola Mary; Bamborough, Paul; Bamford, Mark James; Cockerill, George Stuart; Flack, Stephen Sean; Laine, Dramane Ibrahim; Walker, Ann Louise
PA Glaxo Group Limited, UK
SO PCT Int. Appl., 45 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003033483	A1	20030424	WO 2002-EP11572	20021016
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	AU 2002346926	A1	20030428	AU 2002-346926	20021016
	EP 1436272	A1	20040714	EP 2002-782928	20021016
	EP 1436272	B1	20080507		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
	JP 2005508967	T	20050407	JP 2003-536223	20021016
	AT 394383	T	20080515	AT 2002-782928	20021016
	ES 2305317	T3	20081101	ES 2002-782928	20021016
	US 20050020540	A1	20050127	US 2004-492697	20040415
	US 7151118	B2	20061219		
	US 20070105860	A1	20070510	US 2006-556285	20061103
	US 7309800	B2	20071218		
PRAI	GB 2001-24933	A	20011017		
	WO 2002-EP11572	W	20021016		
	US 2004-492697	A1	20040415		

OS MARPAT 138:337845

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 4 OF 4 ZCAPLUS COPYRIGHT 2009 ACS on STN
AN 2003:319863 ZCAPLUS
DN 138:337844
TI Preparation of biphenylcarboxamides as p38 kinase inhibitors
IN Angell, Richard Martyn; Aston, Nicola Mary; Bamborough, Paul; Bamford, Mark James; Cockerill, George Stuart; Flack, Stephen Sean; Laine, Dramane Ibrahim; Walker, Ann Louise
PA Glaxo Group Limited, UK
SO PCT Int. Appl., 41 pp.
CODEN: PIXXD2
DT Patent
LA English

7/7/09

10551503

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003033457	A1	20030424	WO 2002-EP11571	20021016
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	AU 2002362894	A1	20030428	AU 2002-362894	20021016
	EP 1448513	A1	20040825	EP 2002-790291	20021016
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	JP 2005505618	T	20050224	JP 2003-536198	20021016
	US 20040249161	A1	20041209	US 2004-492715	20040415
	US 7183297	B2	20070227		
	US 20070142476	A1	20070621	US 2007-669219	20070131
PRAI	GB 2001-24934	A	20011017		
	WO 2002-EP11571	W	20021016		
	US 2004-492715	A1	20040415		

OS MARPAT 138:337844

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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COST IN U.S. DOLLARS	SINCE FILE	TOTAL
FULL ESTIMATED COST	ENTRY	SESSION
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